

Connecting via Winsock to STN

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LOGINID:SSSPTA1600RXA

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 APR 03 CAS coverage of exemplified prophetic substances enhanced
NEWS 4 APR 07 STN is raising the limits on saved answers
NEWS 5 APR 24 CA/CAplus now has more comprehensive patent assignee information
NEWS 6 APR 26 USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS 7 APR 28 CAS patent authority coverage expanded
NEWS 8 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 9 APR 28 Limits doubled for structure searching in CAS REGISTRY
NEWS 10 MAY 08 STN Express, Version 8.4, now available
NEWS 11 MAY 11 STN on the Web enhanced
NEWS 12 MAY 11 BEILSTEIN substance information now available on STN Easy
NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal status data
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in records back to 1992
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS 17 JUN 26 NUTRACEUT and PHARMAML no longer updated
NEWS 18 JUN 29 IMSCOPROFILE now reloaded monthly
NEWS 19 JUN 29 EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS 20 JUL 09 PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 21 JUL 14 USGENE enhances coverage of patent sequence location (PSL) data
NEWS 22 JUL 14 CA/CAplus to be enhanced with new citing references features
NEWS 23 JUL 16 GBFULL adds patent backfile data to 1855
NEWS 24 JUL 21 USGENE adds bibliographic and sequence information

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that

specific topic.

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FILE 'HOME' ENTERED AT 08:38:15 ON 27 JUL 2009

FILE 'REGISTRY' ENTERED AT 08:38:35 ON 27 JUL 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 JUL 2009 HIGHEST RN 1168220-55-0
DICTIONARY FILE UPDATES: 24 JUL 2009 HIGHEST RN 1168220-55-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

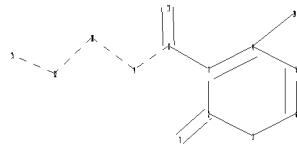
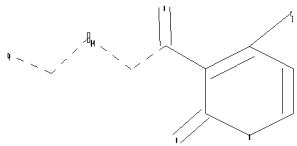
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\QUERIES\10572705.str



```
chain nodes :
7 8 9 10 11 12 15 19
ring nodes :
1 2 3 4 5 6
chain bonds :
2-7 3-8 4-19 8-9 8-11 9-10 10-12 12-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 2-7 3-4 4-5 4-19 5-6 8-9 8-11 9-10 10-12 12-15
exact bonds :
3-8
isolated ring systems :
containing 1 :
```

G1:O,N

```
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 15:CLASS 19:CLASS
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Generic attributes :

15:

Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :

Node 15: Limited

C,C5-6

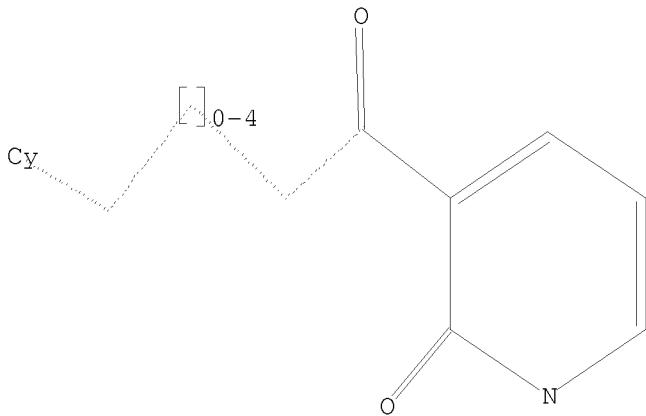
O,OO

S,SO

N, NO-1

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 08:41:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7596 TO ITERATE

26.3% PROCESSED 2000 ITERATIONS 10 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 146695 TO 157145
PROJECTED ANSWERS: 390 TO 1128

L2 10 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 08:41:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 150195 TO ITERATE

100.0% PROCESSED 150195 ITERATIONS 805 ANSWERS
SEARCH TIME: 00.00.11

L3 805 SEA SSS FUL L1

=> s l3 and caplus/lc
67860126 CAPLUS/LC
L4 587 L3 AND CAPLUS/LC

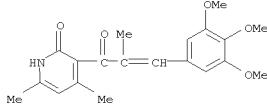
=> s l3 not l4

L5

218 L3 NOT L4

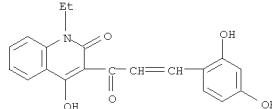
=> d 15 200-218

L5 ANSWER 200 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 329726-88-7 REGISTRY
ED Entered STN: 02 Apr 2001
CN 2(1H)-Pyridinone, 4,6-dimethyl-3-[2-methyl-1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propen-1-yl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Pyridinone, 4,6-dimethyl-3-[2-methyl-1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl]- (9CI)
MF C20 H23 N O5
SR Chemical Library
Supplier: TimTec, Inc.
LC STN Files: CHEMCATS



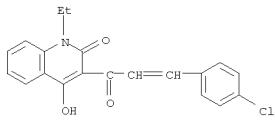
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 201 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 329725-96-4 REGISTRY
ED Entered STN: 02 Apr 2001
CN 2(1H)-Quinolinone,
3-[3-(2,4-dihydroxyphenyl)-1-oxo-2-propenyl]-1-ethyl-4-hydroxy- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone,
3-[3-(2,4-dihydroxyphenyl)-1-oxo-2-propenyl]-1-ethyl-4-hydroxy- (9CI)
MF C20 H17 N O5
SR Chemical Library
Supplier: TimTec, Inc.
LC STN Files: CHEMCATS



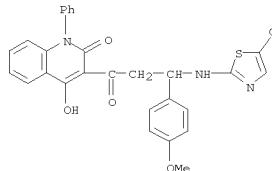
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 202 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 329725-73-7 REGISTRY
ED Entered STN: 02 Apr 2001
CN 2(1H)-Quinolinone, 3-[3-(4-chlorophenyl)-1-oxo-2-propenyl]-1-ethyl-4-hydroxy- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 3-[3-(4-chlorophenyl)-1-oxo-2-propenyl]-1-ethyl-4-hydroxy- (9CI)
MF C20 H16 Cl N O3
SR Chemical Library
Supplier: TimTec, Inc.
LC STN Files: CHEMCATS



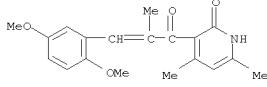
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 203 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 329080-98-0 REGISTRY
ED Entered STN: 27 Mar 2001
CN 2(1H)-Quinolinone,
3-[3-[(5-chloro-2-thiazolyl)amino]-3-(4-methoxyphenyl)-1-oxopropyl]-4-hydroxy-1-phenyl- (CA INDEX NAME)
MF C28 H22 Cl N3 O4 S
SR Chemical Library
Supplier: TimTec, Inc.
LC STN Files: CHEMCATS



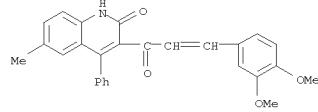
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 204 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 328288-31-9 REGISTRY
ED Entered STN: 21 Mar 2001
CN 2(1H)-Pyridinone,
3-[3-(2,5-dimethoxyphenyl)-2-methyl-1-oxo-2-propen-1-yl]-
4,6-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Pyridinone, 3-[3-(2,5-dimethoxyphenyl)-2-methyl-1-oxo-2-propenyl]-
4,6-dimethyl- (9CI)
MF C19 H21 N O4
SR Chemical Library
Supplier: TimTec, Inc.
LC STN Files: CHEMCATS



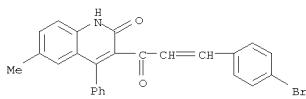
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 205 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 328076-62-6 REGISTRY
ED Entered STN: 20 Mar 2001
CN 2(1H)-Quinolinone, 3-[3-(3,4-dimethoxyphenyl)-1-oxo-2-propen-1-yl]-6-
methyl-4-phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone,
3-[3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-6-methyl-4-
phenyl- (9CI)
MF C27 H23 N O4
SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



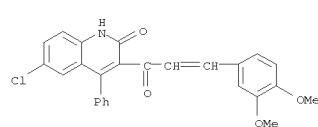
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 206 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 328076-59-1 REGISTRY
ED Entered STN: 20 Mar 2001
CN 2(1H)-Quinolinone, 3-[3-(4-bromophenyl)-1-oxo-2-propen-1-yl]-6-methyl-4-
phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 3-[3-(4-bromophenyl)-1-oxo-2-propenyl]-6-methyl-4-
phenyl- (9CI)
MF C25 H18 Br N O2
SR Chemical Library
Supplier: ChemDiv, Inc.
LC STN Files: CHEMCATS



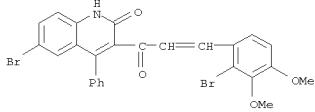
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 207 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 324060-61-9 REGISTRY
ED Entered STN: 26 Feb 2001
CN 2(1H)-Quinolinone, 6-chloro-3-[3-(3,4-dimethoxyphenyl)-1-oxo-2-propen-1-
yl]-4-phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone,
6-chloro-3-[3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-4-
phenyl- (9CI)
MF C26 H20 Cl N O4
SR Chemical Library
Supplier: ChemDiv, Inc.
LC STN Files: CHEMCATS



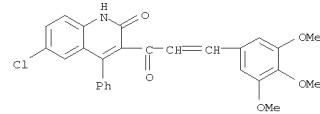
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 208 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 321556-18-7 REGISTRY
ED Entered STN: 13 Feb 2001
CN 2(1H)-Quinolinone, 6-bromo-3-[3-(2-bromo-3,4-dimethoxyphenyl)-1-oxo-2-propen-1-yl]-4-phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 6-bromo-3-[3-(2-bromo-3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-4-phenyl- (9CI)
MF C26 H19 Br2 N O4
SR Chemical Library
Supplier: ChemDiv, Inc.
LC STN Files: CHEMCATS



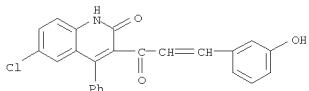
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 209 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 312923-81-2 REGISTRY
ED Entered STN: 05 Jan 2001
CN 2(1H)-Quinolinone, 6-chloro-3-[1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propen-1-yl]-4-phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 6-chloro-3-[1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl]-4-phenyl- (9CI)
MF C27 H22 Cl N O5
SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



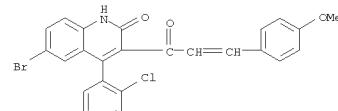
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 210 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 307330-13-8 REGISTRY
ED Entered STN: 07 Dec 2000
CN 2(1H)-Quinolinone, 6-chloro-3-[3-(3-hydroxyphenyl)-1-oxo-2-propen-1-yl]-4-phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 6-chloro-3-[3-(3-hydroxyphenyl)-1-oxo-2-propenyl]-4-phenyl- (9CI)
MF C24 H16 Cl1 N O3
SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



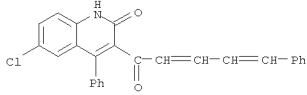
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 211 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 304446-71-7 REGISTRY
ED Entered STN: 27 Nov 2000
CN 2(1H)-Quinolinone, 6-bromo-4-(2-chlorophenyl)-3-[3-(4-methoxyphenyl)-1-oxo-2-propen-1-yl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 6-bromo-4-(2-chlorophenyl)-3-[3-(4-methoxyphenyl)-1-oxo-2-propenyl]- (9CI)
MF C25 H17 Br Cl N O3
SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



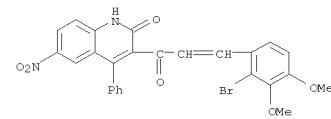
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 212 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 304446-67-1 REGISTRY
ED Entered STN: 27 Nov 2000
CN 2(1H)-Quinolinone,
6-chloro-3-(1-oxo-5-phenyl-2,4-pentadienyl)-4-phenyl-
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 6-chloro-3-(1-oxo-5-phenyl-2,4-pentadienyl)-4-phenyl-
(9CI)
MF C26 H18 Cl N O2
SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



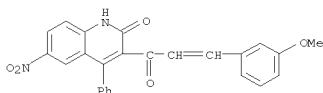
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 213 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 304446-64-8 REGISTRY
ED Entered STN: 27 Nov 2000
CN 2(1H)-Quinolinone,
3-[3-(2-bromo-3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-6-
6-nitro-4-phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone,
3-[3-(2-bromo-3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-6-
nitro-4-phenyl- (9CI)
MF C26 H19 Br N2 O6
SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



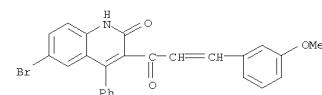
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 214 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 300805-67-8 REGISTRY
ED Entered STN: 02 Nov 2000
CN 2(1H)-Quinolinone, 3-[3-(3-methoxyphenyl)-1-oxo-2-propenyl]-6-nitro-4-
phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 3-[3-(3-methoxyphenyl)-1-oxo-2-propenyl]-6-nitro-4-
phenyl- (9CI)
MF C25 H18 N2 O5
SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



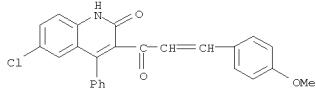
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 215 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 300802-23-7 REGISTRY
ED Entered STN: 02 Nov 2000
CN 2(1H)-Quinolinone, 6-bromo-3-[3-(3-methoxyphenyl)-1-oxo-2-propenyl]-4-
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OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 6-bromo-3-[3-(3-methoxyphenyl)-1-oxo-2-propenyl]-4-
phenyl- (9CI)
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SR Chemical Library
Supplier: AsInEx
LC STN Files: CHEMCATS



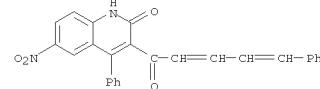
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 216 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 202201-72-7 REGISTRY
ED Entered STN: 05 Mar 1998
CN 2(1H)-Quinolinone,
6-chloro-3-[3-(4-methoxyphenyl)-1-oxo-2-propenyl]-4-
phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
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phenyl- (9CI)
MF C25 H18 Cl N O3
SR CAS Client Services
LC STN Filez: CASREACT, CHEMCATS



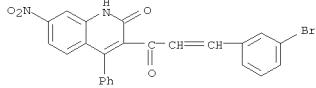
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L5 ANSWER 217 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 202192-70-9 REGISTRY
ED Entered STN: 05 Mar 1998
CN 2(1H)-Quinolinone,
6-nitro-3-(1-oxo-5-phenyl-2,4-pentadienyl)-4-phenyl-
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone, 6-nitro-3-(1-oxo-5-phenyl-2,4-pentadienyl)-4-phenyl-
(9CI)
MF C26 H18 N2 O4
SR CAS Client Services
LC STN Filez: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

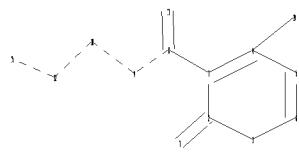
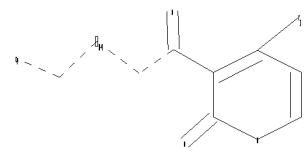
L5 ANSWER 218 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
RN 202192-36-7 REGISTRY
ED Entered STN: 05 Mar 1998
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phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2(1H)-Quinolinone,
3-[3-(3-bromophenyl)-1-oxo-2-propenyl]-7-nitro-4-phenyl-
(9CI)
MF C24 H15 Br N2 O4
SR CAS Client Services



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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Element Count :
Node 15: Limited

C,C5-6

O,O0

S,S0

N,N0-1

L6 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\QUERIES\10572705.str

```
exact bonds :
3-8
isolated ring systems :
containing 1 :

G1:O,N

Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS 11:CLASS 12:CLASS 15:CLASS 19:CLASS
Generic attributes :
15:
Number of Carbon Atoms : less than 7
Type of Ring System     : Monocyclic

Element Count :
Node 15: Limited
  C,C5-6
  O,O0
  S,S0
  N,N0-1
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(FILE 'HOME' ENTERED AT 08:38:15 ON 27 JUL 2009)

FILE 'REGISTRY' ENTERED AT 08:38:35 ON 27 JUL 2009

L1 STRUCTURE UPLOADED
L2 10 S L1
L3 805 S L1 FULL
L4 587 S L3 AND CAPLUS/LC
L5 218 S L3 NOT L4
L6 STRUCTURE UPLOADED
L7 STRUCTURE UPLOADED

=> s 17 subset=13 full
FULL SUBSET SEARCH INITIATED 08:44:40 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 405 TO ITERATE

100.0% PROCESSED 405 ITERATIONS 178 ANSWERS
SEARCH TIME: 00.00.01

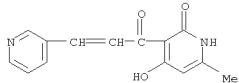
L8 178 SEA SUB=L3 SSS FUL L7

=> s 18 and caplus/lc
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L9 176 L8 AND CAPLUS/LC

=> s 18 not 19
L10 2 L8 NOT L9

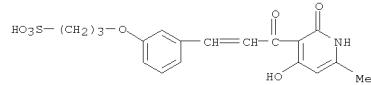
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L10 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2009 ACS on STN
RN 906727-37-5 REGISTRY
ED Entered STN: 15 Sep 2006
CN INDEX NAME NOT YET ASSIGNED
MF C14 H12 N2 O3
SR Other Sources
Database: NCI 2D (National Cancer Institute)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2009 ACS on STN
RN 849095-06-3 REGISTRY
ED Entered STN: 25 Apr 2005
CN 1-Propanesulfonic acid, 3-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenoxy]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propanesulfonic acid, 3-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenoxy]- (9CI)
MF C18 H19 N O7 S
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> fil caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	288.43	288.65

FILE 'CAPLUS' ENTERED AT 08:44:59 ON 27 JUL 2009
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FILE COVERS 1907 - 27 Jul 2009 VOL 151 ISS 5
 FILE LAST UPDATED: 26 Jul 2009 (20090726/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases will soon be updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 22.

=> d his

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FILE 'REGISTRY' ENTERED AT 08:38:35 ON 27 JUL 2009	
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L2	10 S L1
L3	805 S L1 FULL
L4	587 S L3 AND CAPLUS/LC
L5	218 S L3 NOT L4
L6	STRUCTURE UPLOADED
L7	STRUCTURE UPLOADED
L8	178 S L7 FULL SUB=L3
L9	176 S L8 AND CAPLUS/LC
L10	2 S L8 NOT L9

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L11 10 L9

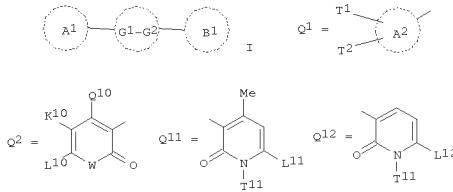
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L11 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 20071359604 CAPLUS
 DOCUMENT NUMBER: 148:33636
 TITLE: Preparation of heterocyclic compounds as inhibitors
 of extracellular matrix gene transcription
 INVENTOR(S): Shiraki, Hiroaki; Takahashi, Junya; Higashi, Kiyoshi;
 Tomigahara, Yoshitaka
 PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
 SOURCE: PCT Int. Appl., 334pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

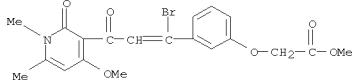
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007136125	A1	20071129	WO 2007-JP60746	20070521
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RU: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MD, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KE, MD, RU, TJ, TM				
JP 2007308441	A	20071129	JP 2006-141219	20060522
PRIORITY APPLN. INFO.:			JP 2006-141219	A 20060522

OTHER SOURCE(S): MARPAT 148:33636
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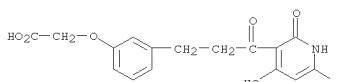


AB The title compds. I [ring A1 = Q1, Q2, etc.; ring A2 = 5-membered aromatic ring, 6-membered aromatic ring; T1 = (Y_a)q; Y_a = substituent(s)]

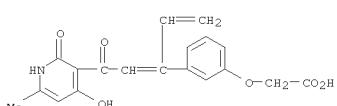
L11 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 Gene transcription
 RN 959398-74-4 CAPLUS
 CN Acetic acid, 2-[3-[1-bromo-3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxopropyl]phenoxy]-, methyl ester (CA INDEX NAME)



RN 959398-83-5 CAPLUS
 CN Acetic acid, 2-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxopropyl]phenoxy]- (CA INDEX NAME)



RN 959398-87-2 CAPLUS
 CN Acetic acid, 2-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-1-ethenyl-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

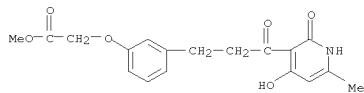


IT 849014-45-5 849014-64-8 908865-37-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of heterocyclic compds. as inhibitors of extracellular matrix
 gene transcription)
 RN 849014-45-5 CAPLUS
 CN Acetic acid, 2-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)

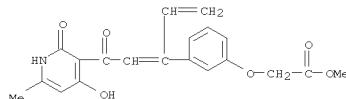
L11 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 selected from X0 and Y0; X0 = halo, alkenyl, alkylnyl, etc.; Y0 = (un)substituted aryl, (un)substituted heteroaryl, (un)substituted hydrocarbon ring, etc.; q = 0 or 1 - 3; T2 = (X_a)p; X_a = substitutent(s) other than those specified for X0, Y0, and Z0; Z0 = (un)substituted hydrocarbon ring, (un)substituted heterocyclic ring; P = 0, 1 - 3; p+q ≤ 3; K10 = H, halo, etc.; L11 = H, (un)substituted alkyl, (un)substituted alkenyl, etc.; Q10 = H, (un)substituted OH, (un)substituted amino; W = O, NT11; T11 = H, substituent on N; ring B1 = Q11, Q12, etc.; L11 = OH, methyl; L12 = alkyl; GI represents atom or group connected to ring A1; G2 represents atom or group connected to ring B1; GI-G2 = -CR₁:CR₂-CO-, -CR₁₁:CR₂₂-C(=O)R₃₃; C444-CO-, -CR₁₁₁:CR₂₂₂-C(=O)R₃₃₃ - etc.; R11, R22, R33, R444 = H, alkyl; R = halo, H, alkyl; R' = H, alkyl; R and R' are not H at the same time] are prep'd. Thus, 4-hydroxy-3-(3-phenyl-1-oxopropyl)-6-methyl-2H-pyran-2-one was prep'd. from 4-hydroxy-6-methyl-2H-pyran-2-one and 3-phenylpropionic acid. Compds. of this invention at 30 μM inhibited the type I collagen gene transcription promoting activity of TGF-β.

IT 959398-82-4P 959398-86-8P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of heterocyclic compds. as inhibitors of extracellular matrix
 gene transcription)

RN 959398-82-4 CAPLUS
 CN Acetic acid,
 2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxopropyl]phenoxy]-, methyl ester (CA INDEX NAME)



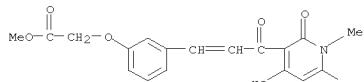
RN 959398-86-8 CAPLUS
 CN Acetic acid,
 2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-1-ethenyl-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



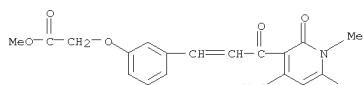
IT 959398-74-4P 959398-83-5P 959398-87-9P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of heterocyclic compds. as inhibitors of extracellular matrix

L11 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849014-64-8 CAPLUS
 CN Acetic acid, 2-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



RN 908865-37-2 CAPLUS
 CN Acetic acid, 2-[3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



L11 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 20071333723 CAPLUS
 DOCUMENT NUMBER: 148:11081
 TITLE: Preparation of cinnamoyl-quinolinones and related compounds for inhibiting the extracellular matrix gene
 gene transcription
 INVENTOR(S): Shiraki, Hiroaki; Higashi, Kiyoshi; Takahashi, Junya; Tomigahara, Yoshitaka
 PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
 SOURCE: PCT Int. Appl., 209pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007132948	A1	20071122	WO 2007-JP60473	20070516
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JP 2007308402	A	20071129	JP 2006-137472	20060517
PRIORITY APPLN. INFO.:			JP 2006-137472	A 20060517

OTHER SOURCE(S): MARPAT 148:11081
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [α = Q1, etc.; K1 = H, halo or Q2; q1 = 5- or 6-membered aromatic ring; Y = substituent selected from X0 and Y0; q = 0-3;
 X0 = Ma-; Ma = halo, cyano, nitro, etc.; Y0 = Mb0-Rd-; Mb0 = Mc0-, etc.; Rd = single bond or alkylene; Mc0 = Md0-Rd'-, etc.; Md0 = aryl1, heteroaryl (wherein aryl and heteroaryl are optionally substituted with Ma group), etc.; Rd' = Rd; L1 = H, alkyl, alkenyl (wherein alkyl and alkenyl are optionally substituted with Q2), etc.; Z1 = H, (un)substituted hydroxy or (un)substituted amino; W1 = oxygen atom or -NT1-; T1 = substituent on nitrogen atom; β = Q3, etc.; Z2 = (un)substituted hydroxy or (un)substituted amino; W2 = oxygen atom or -NT2-, T2 = H or substituent on nitrogen atom; K2, L2 = H or substituent on carbon atom; K2 and L2 may form (un)substituted alkylene or (un)substituted alkenylene, useful for the treatment of tissue fibrosis, heart failure, etc., were prepared For example, reaction of 3-acetyl-4-hydroxy-1,6-dimethyl-2(1H)-pyridinone with

L11 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006918859 CAPLUS
 DOCUMENT NUMBER: 145:314832
 TITLE: Preparation of 3-cinnamoyl-2(1H)-pyridinone and -2H-pyran-2-one, and -2H-1-benzopyranone, -2(1H)-quinolinone compounds as fibronectin gene transcription inhibitors
 INVENTOR(S): Higashi, Kiyoshi; Tomigahara, Yoshitaka; Takahashi, Junya
 PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
 SOURCE: PCT Int. Appl., 279pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

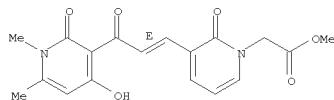
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006093336	A1	20060908	WO 2006-JP304531	20060302
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JP 2006241045	A	20060914	JP 2005-57365	20050302
PRIORITY APPLN. INFO.:			JP 2005-57365	A 20050302

OTHER SOURCE(S): MARPAT 145:314832
 GI

AB The title compds. [I; A = benzene or pyridine ring; Ya = substituents on the carbon atoms selected from groups X0 and Y0; q = an integer of 0-5; when q is ≥ 2 , Ya is same or different or adjacent two same or different Ya become group Z0 and condensed to the ring A; Xe is substituents on carbon atoms which do not belong to groups X0, Y0, and Z0; p = an integer of 0-5; when p is ≥ 2 , Xe is same or different and p \geq s5; X0 = group Ma-; Ma = (halo)-Cl-10 alkyl, halo, NO2, cyano, HO, R_c-Ba-Rd-, Re-CO-Rd-, Re-CO-O-Rd-, Re-CO-CO-Rd-, HOC2-CH:CH:, ReFe[N-Rd-, Re-Et-NRd-, Re-Et-CO-Rd-, Re-Et-CO-O-Rd-, etc.; wherein R_c = (halo)Cl-10 alkyl, Ba = O, S, SO2, SO3, R_d = a single bond, Cl-10 alkyne; Re = H, (halo)-Cl-10 alkyl; Re' = group defined in Re; Y0 = Mb0-Rd-; wherein Mb0 = (un)substituted 5- to

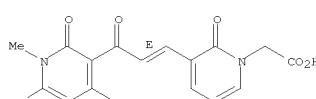
L11 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 2-oxo-1-methyl-1,2-dihydro-3-quinolinecarbaldehyde and piperidine afforded compd. II [R = CH3]. Compd. II [R = CH2COCH3] inhibited the TGF- β -promoted fibronectin gene transcription by \geq 70% in normal human skin fibroblast.
 IT RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of cinnamoyl-quinolinones and related compds. for inhibiting extracellular matrix gene transcription)
 RN 95765-27-4 CAPLUS
 CN 1(2H)-Pyridineacetic acid,
 3-[1(E)-3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-2-oxo-, methyl ester (CA INDEX NAME)

Double bond geometry as shown.



IT 95765-28-5 CAPLUS
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of cinnamoyl-quinolinones and related compds. for inhibiting extracellular matrix gene transcription)
 RN 95765-28-5 CAPLUS
 CN 1(2H)-Pyridineacetic acid,
 3-[1(E)-3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-2-oxo- (CA INDEX NAME)

Double bond geometry as shown.



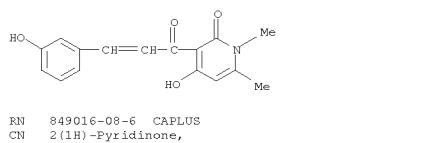
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 10-membered aryl or 5- to 10-membered heteroaryl, N-heterocyclic, etc.,
 Z0 = (un)substituted 5- to 12-membered carbocyclic or heterocyclic ring condensed ring and condensed to the ring A; Qa = (un)substituted OH or NH2; Wa = O, (un)substituted NH; La = same or different group selected from H or substituents] are prep'd. A fibronectin gene transcription inhibitor compn. contg. the cinnamoyl compnd. I as the active ingredient is disclosed. The above compn. is useful for improving fibrosis of tissues by lowering the accumulation of fibronectin through reducing fibronectin gene transcription and also for treatment of cardiac insufficiency. Thus, 3-acetyl-4-hydroxy-1,6-dimethyl-2(1H)-pyridinone and 3-(cyanomethoxy)benzaldehyde were dissolved in a mixt. of piperidine and pyridine and refluxed for 6 h to give 4-hydroxy-3-[3-(3-(cyanomethoxy)phenyl)-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone (II). II at 1 μ M in vitro inhibited the TGF- β -promoted fibronectin gene transcription by \geq 70% in normal human skin fibroblast.
 IT 849016-07-5, 4-Hydroxy-3-[3-(3-hydroxyphenyl)-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone (II). II at 1 μ M in vitro inhibited the TGF- β -promoted fibronectin gene transcription by \geq 70% in normal human skin fibroblast.

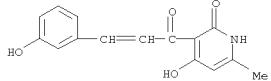
4-Hydroxy-3-[3-(3-(tert-butoxycarbonylamino)phenyl)-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849016-08-6P, 4-Hydroxy-3-[3-(3-hydroxyphenyl)-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849016-10-0P, 4-Hydroxy-3-[3-(3-carboxyphenyl)-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849016-14-4P, 4-Hydroxy-3-[3-(tert-butoxycarbonylamino)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849016-15-5P, 4-Hydroxy-3-[3-(3-aminophenyl)-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (intermediate); preparation of 3-cinnamoyl-2(1H)-pyridinone and -2H-pyran-2-one, and -2H-1-benzopyranone, -2(1H)-quinolinone compds.

as fibronectin gene transcription inhibitors

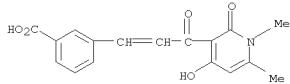
RN 849016-07-5 CAPLUS
 CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-(3-hydroxyphenyl)-1-oxo-2-propenyl]-1,6-dimethyl- (CA INDEX NAME)



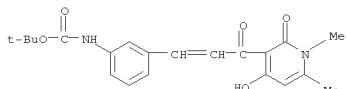
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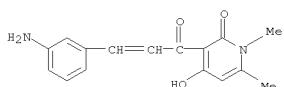
RN 849016-10-0 CAPLUS
CN Benzoic acid,
3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl] (CA INDEX NAME)



RN 849016-14-4 CAPLUS
CN Carbamic acid, [3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenyl], 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



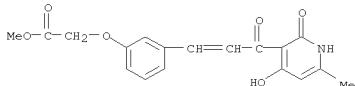
RN 849016-15-5 CAPLUS
CN 2(1H)-Pyridinone,
3-[3-(3-aminophenyl)-1-oxo-2-propenyl]-4-hydroxy-1,6-dimethyl- (CA INDEX NAME)



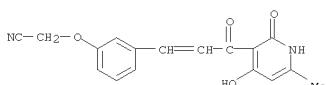
IT 849014-45-5P, 4-Hydroxy-3-[3-[3-[(methoxycarbonyl)methoxy]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-48-8P,
4-Hydroxy-3-[3-[3-[(cyanomethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-52-4P,
4-Hydroxy-3-[3-[3-[(methoxycetyl)amino]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-56-8P,

4-Hydroxy-3-[3-[3-[(methoxycarbonyl)methylsulfonyl]methyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 909865-46-3P,
4-Hydroxy-3-[3-[6-[(2-methoxyethyl)amino]carbonyl]-2-pyridinyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone
RL: PAC (Pharmacological activity); RCT (Reactant); SPM (Synthetic preparation); THF (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactants or reagent); USES (Uses)
(preps. of 3-cinnamoyl-2(1H)-pyridinone and -2H-pyran-2-one, and
-2H-1-benzopyranone, -2(1H)-quinolinone compds. as fibronectin gene transcription inhibitors)

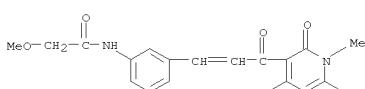
RN 849014-45-5 CAPLUS
CN Acetic acid,
2-[3-(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl)phenoxy]-, methyl ester (CA INDEX NAME)



RN 849014-48-8 CAPLUS
CN Acetonitrile,
2-[3-(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl)phenoxy]- (CA INDEX NAME)



RN 849014-52-4 CAPLUS
CN Acetamide,
N-[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl)phenoxy]-2-methoxy- (CA INDEX NAME)



RN 849014-56-8 CAPLUS
CN Glycine,
N-[3-(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl)benzoyl]-, methyl ester (CA INDEX NAME)

4-Hydroxy-3-[3-[[[(methoxycarbonyl)methyl]amino]carbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-57-9P,
4-Hydroxy-3-[3-[[[(methoxycarbonyl)methyl]amino]carbonyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-58-0P,

4-Hydroxy-3-[3-[[[(methoxycarbonyl)methyl]amino]carbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-60-4P,
4-Hydroxy-3-[3-[[[(2-methoxyethyl)amino]carbonyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-64-8P,

4-Hydroxy-3-[3-[(methoxycarbonyl)methoxy]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-65-9P,
4-Hydroxy-3-[3-[(carboxymethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-66-0P,
4-Hydroxy-3-[3-[(dimethylaminocarbonyl)methoxy]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-68-2P,

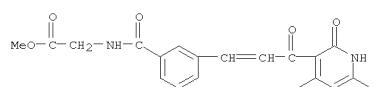
4-Hydroxy-3-[3-[(2-hydroxyethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-70-6P,
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4-Hydroxy-3-[3-[(text-butoxycarbonyl)amino]ethoxy]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-83-1P,
4-Hydroxy-3-[3-[(methoxycarbonyl)methoxy]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-88-6P,
4-Hydroxy-3-[3-[(aminocarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-96-6P,
4-Hydroxy-3-[3-[[[(methoxycarbonyl)methyl]thio]methyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-98-8P,

4-Hydroxy-3-[3-[[[(methoxycarbonyl)methyl]sulfonyl]methyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-02-7P,
4-Methoxy-3-[3-[[[(methoxycarbonyl)methyl]amino]carbonyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-03-8P,

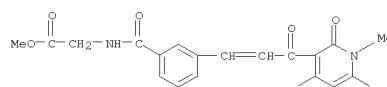
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4-Methoxy-3-[3-[[[(4-[(4-[(4-methoxy)carbonyl]methyl)thio]methyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-14-1P,

4-Hydroxy-3-[3-[(1S)-1,2-bis(methoxycarbonyl)ethyl]amino]carbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849015-16-3P,
4-Hydroxy-3-[3-[(2-hydroxyethyl)amino]carbonyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-31-2P,
4-Hydroxy-3-[3-[(methoxycarbonyl)carbonyl]amino]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-33-4P,
4-Hydroxy-3-[3-[(N'-methylsulfonyl)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-35-6P 849015-38-9P
, 4-[Methoxycarbonyl]methoxy-3-[3-[(3-methoxycarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-43-6P,

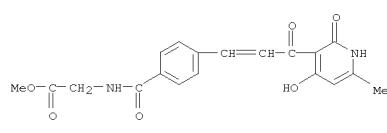
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4-Methoxy-3-[3-[(methoxycarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 908865-38-3P,



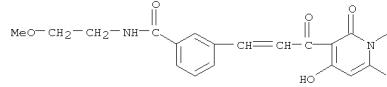
RN 849014-57-9 CAPLUS
CN Glycine,
N-[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl)benzoyl]-, methyl ester (CA INDEX NAME)



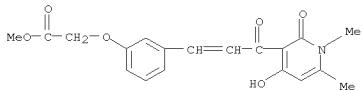
RN 849014-58-0 CAPLUS
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N-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]benzoyl]-, methyl ester (CA INDEX NAME)



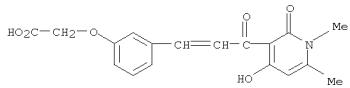
RN 849014-60-4 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]-N-(2-methoxyethyl)- (CA INDEX NAME)



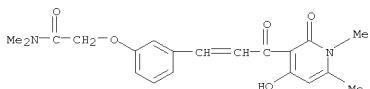
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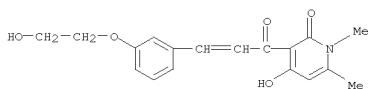
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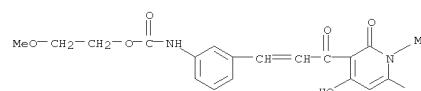
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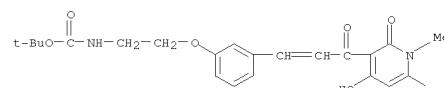
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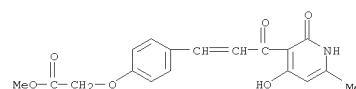
RN 849014-70-6 CAPLUS
CN Carbamic acid, [3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenyl-, 2-methoxyethyl ester (RCI) (CA INDEX NAME)



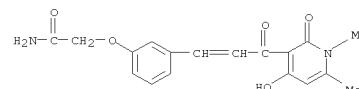
RN 849014-76-2 CAPLUS
CN Carboxylic acid, [2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenoxyethyl]-, 1,1-dimethylethyl ester (RCI) (CA INDEX NAME)



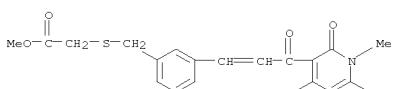
RN 849014-83-1 CAPLUS
CN Acetic acid, 2-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



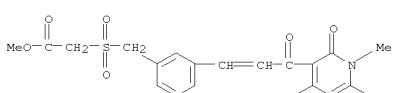
RN 849014-88-6 CAPLUS
CN Acetamide, 2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy- (CA INDEX NAME)



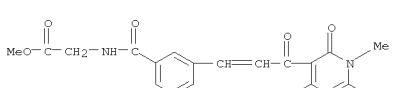
RN 849014-96-6 CAPLUS
CN Acetic acid, 2-[[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]thio-, methyl ester (CA INDEX NAME)



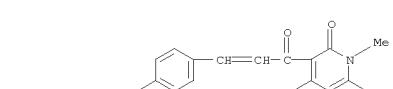
RN 849014-98-8 CAPLUS
CN Acetic acid, 2-[(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenyl]sulfonyl-, methyl ester (CA INDEX NAME)



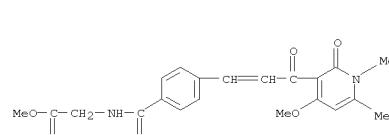
RN 849015-02-7 CAPLUS
CN Glycine,
N-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl-, methyl ester (CA INDEX NAME)



RN 849015-03-8 CAPLUS
CN Glycine,
N-[4-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl-, methyl ester (CA INDEX NAME)

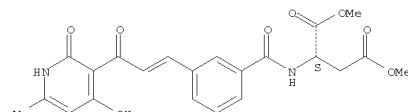


RN 849015-05-0 CAPLUS
CN Glycine,
N-[4-(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl-, methyl ester (CA INDEX NAME)

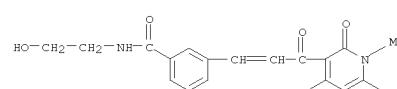


RN 849015-14-1 CAPLUS
CN L-Aspartic acid, N-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]benzoyl-, dimethyl ester (RCI) (CA INDEX NAME)

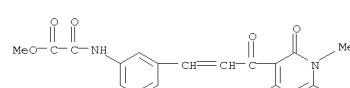
Absolute stereochemistry.
Double bond geometry unknown.



RN 849015-16-3 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-hydroxyethyl)- (CA INDEX NAME)

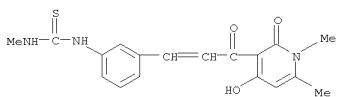


RN 849015-31-2 CAPLUS
CN Acetic acid, 2-[[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-2-oxo-, methyl ester (CA INDEX NAME)

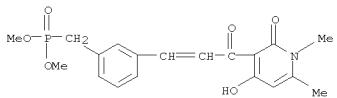


RN 849015-33-4 CAPLUS

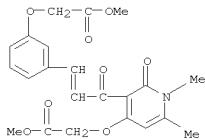
L11 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 CN Thiourea,
 N-[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenyl]-N'-methyl- (CA INDEX NAME)



RN 849015-35-6 CAPLUS
 CN Phosphonic acid, [(3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenyl)methyl], dimethyl ester (9CI) (CA INDEX NAME)

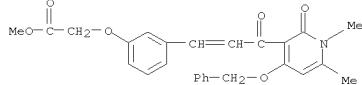


RN 849015-38-9 CAPLUS
 CN Acetic acid, [3-[3-[1,2-dihydro-4-(2-methoxy-2-oxoethoxy)-1,6-dimethyl-2-oxo-3-pyridinyl]-3-oxo-1-propenyl]phenoxy], methyl ester (9CI) (CA INDEX NAME)

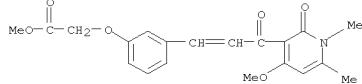


RN 849015-43-6 CAPLUS
 CN Acetic acid, 2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(phenylmethoxy)-3-pyridinyl]-3-oxo-1-propen-1-yl]phenoxy], methyl ester (CA INDEX NAME)

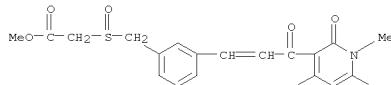
L11 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)



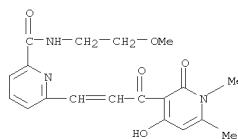
RN 908865-37-2 CAPLUS
 CN Acetic acid, 2-[3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



RN 908865-38-3 CAPLUS
 CN Acetic acid, 2-[[(3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]methyl]sulfinyl]-, methyl ester (CA INDEX NAME)



RN 908865-46-3 CAPLUS
 CN 2-Pyridinecarboxamide, 6-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



IT 848692-85-3P, 4-Hydroxy-3-[3-[3-chloro-4-(trifluoromethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone sodium salt 849014-82-0P,
 848692-86-4P, 4-Hydroxy-3-[3-[3-(methoxycarbonyl)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 848692-88-6P,

L11 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 4-Hydroxy-3-[3-(2-oxooxazolidin-3-yl)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 848692-89-7P,
 4-Hydroxy-3-[3-(2-morpholinooxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 848692-90-0P,
 4-Hydroxy-3-[3-(2-morpholinooxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-46-6P,
 4-Hydroxy-3-[3-(3-methoxy-4-[(methoxycarbonyl)methoxy]phenyl)-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-47-7P,

4-Hydroxy-3-[3-[3-(carboxymethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-49-9P,
 4-Hydroxy-3-[3-[3-(cyanomethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-50-2P,
 4-Hydroxy-3-[3-[4-(cyanomethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-51-3P,

4-Hydroxy-3-[3-[3-[(methoxycetyl)amino]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-53-5P,

4-Hydroxy-3-[3-[4-[(methoxycetyl)amino]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-54-6P,

4-Hydroxy-3-[3-[3-[(2-methoxyethyl)amino]carbonyl]amino]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-55-7P,

4-Hydroxy-3-[3-[3-[(methylsulfonyl)aminocarbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-59-1P,
 4-Hydroxy-3-[3-[3-[(2-methoxyethyl)amino]carbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-61-5P,
 4-Hydroxy-3-[3-[3-[(2-methoxyethyl)amino]carbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-62-6P,
 4-Hydroxy-3-[3-[3-[(2-carboxymethyl)amino]carbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-63-7P,

4-Hydroxy-3-[3-[3-(cyanomethyl)aminocarbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-67-1P,
 4-Hydroxy-3-[3-[3-(dimethylaminopropoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-69-3P,

4-Methoxy-3-[3-(2-hydroxyethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-71-7P,
 4-Hydroxy-3-[3-(2-methylthioethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-72-8P,
 4-Hydroxy-3-[3-(2-hydroxyethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-73-9P,
 4-Hydroxy-3-[3-(2-hydroxyethoxy)methyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-74-0P,

4-Hydroxy-3-[3-(3-hydroxypropoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-75-1P,

4-Hydroxy-3-[3-(2-methoxyethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-77-3P,
 4-Hydroxy-3-[3-(2-aminoethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-78-4P,
 4-Hydroxy-3-[3-(2-dimethylaminoethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-79-5P,
 4-Hydroxy-3-[3-(2-dimethylaminoethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-80-8P,

L11 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

4-Hydroxy-6-methyl-3-[3-[3-sulfopropoxy]phenyl]-1-oxo-2-propenyl]-2(1H)-pyridinone sodium salt 849014-82-0P,

4-Hydroxy-3-[3-[3-[(1-hydroxypropoxy)carbonyl]methoxy]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-84-2P,

4-Hydroxy-3-[3-(carboxymethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone pyridine salt 849014-85-3P,
 4-Methoxy-3-[3-(carboxymethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-86-4P,

4-Hydroxy-3-[4-(carboxymethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-87-5P,

4-Hydroxy-3-[3-(aminocarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849014-89-7P,
 4-Methoxy-3-[3-(aminocarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-90-0P,

4-Hydroxy-3-[3-[3-(dimethylaminocarbonyl)methoxy]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-91-1P,
 4-Methoxy-3-[3-[3-(dimethylaminocarbonyl)methoxy]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-92-2P,
 4-Hydroxy-3-[3-(3-bromo-4-(methoxycarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-93-3P,
 4-Hydroxy-3-[3-(3-methyl-4-(methoxycarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-94-4P,
 4-Hydroxy-3-[3-(3-methyl-4-(methoxycarbonylmethoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-95-5P,
 4-Hydroxy-3-[3-(2-oxopropoxy)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849014-99-9P,
 4-Methoxy-3-[3-(3-(methoxycetyl)amino)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-00-5P,
 4-Methoxy-3-[3-(3-(2-methoxyethoxy)carbonyl)amino]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-01-6P,
 4-Hydroxy-3-[3-(2-dimethylaminomethyl)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-06-1P,

4-Hydroxy-3-[3-(2-dimethylaminomethyl)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-08-3P,

4-Methoxy-3-[3-(carboxymethyl)aminocarbonyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-09-4P,

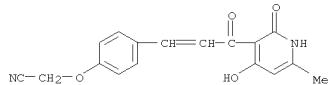
4-Hydroxy-3-[3-(4-(carboxymethyl)aminocarbonyl)phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849015-10-7P,

4-Hydroxy-3-[3-(4-(carboxymethyl)aminocarbonyl)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-11-8P,

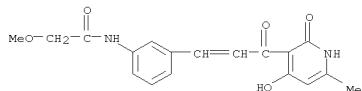
4-Methoxy-3-[3-(4-(carboxymethyl)aminocarbonyl)phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-12-9P,

4-Hydroxy-3-[3-[3-[(aminocarbonyl)methyl]amino]carbonyl]phenyl]-1-oxo-2-propenyl]-6-methyl-2(1H)-pyridinone 849015-13-0P,

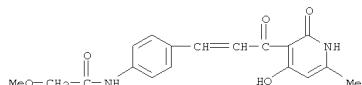
4-Hydroxy-3-[3-(3-[(aminocarbonyl)methyl]amino)carbonyl]phenyl]-1-oxo-2-propenyl]-1,6-dimethyl-2(1H)-pyridinone 849015-15-2P,



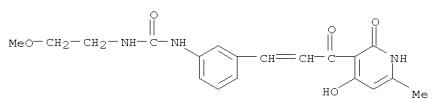
RN 849014-51-3 CAPLUS
CN Acetamide, N-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-2-methoxy- (CA INDEX NAME)



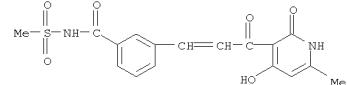
RN 849014-53-5 CAPLUS
CN Acetamide, N-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-2-methoxy- (CA INDEX NAME)



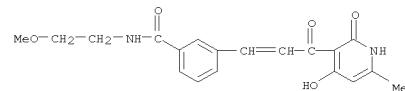
RN 849014-54-6 CAPLUS
CN Urea, N-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-N'-(2-methoxyethyl)- (CA INDEX NAME)



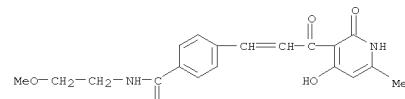
RN 849014-55-7 CAPLUS
CN Benzamide,
3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(methylsulfonyl)- (CA INDEX NAME)



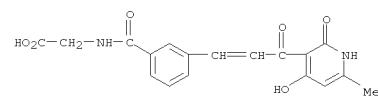
RN 849014-59-1 CAPLUS
CN Benzamide,
3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



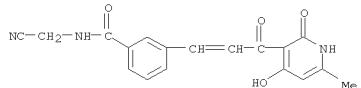
RN 849014-61-5 CAPLUS
CN Benzamide,
4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



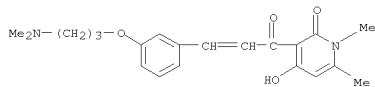
RN 849014-62-6 CAPLUS
CN Glycine,
N-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl- (CA INDEX NAME)



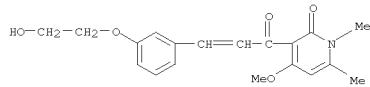
RN 849014-63-7 CAPLUS
CN Benzamide, N-(cyanomethyl)-3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)



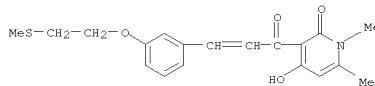
RN 849014-67-1 CAPLUS
CN 2(1H)-Pyridinone,
3-[3-[3-(dimethylamino)propoxy]phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-1,6-dimethyl- (CA INDEX NAME)



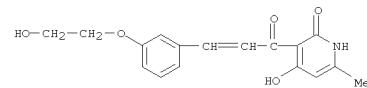
RN 849014-69-3 CAPLUS
CN 2(1H)-Pyridinone,
3-[3-(2-hydroxyethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-methoxy-1,6-dimethyl- (CA INDEX NAME)



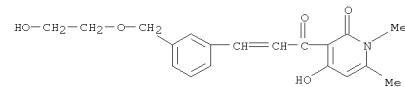
RN 849014-71-7 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[3-[2-(methylthio)ethoxy]phenyl]-1-oxo-2-propen-1-yl]- (CA INDEX NAME)



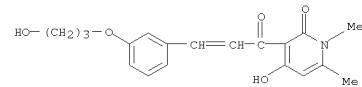
RN 849014-72-8 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-(2-hydroxyethoxy)phenyl]-1-oxo-2-propen-1-yl]-6-methyl- (CA INDEX NAME)



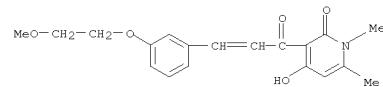
RN 849014-73-9 CAPLUS
CN 2(1H)-Pyridinone,
4-hydroxy-3-[3-(2-hydroxyethoxy)methyl]phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



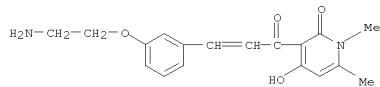
RN 849014-74-0 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-(3-hydroxypropoxy)phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



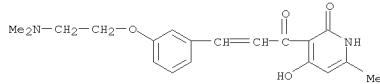
RN 849014-75-1 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-(3-methoxyethoxy)phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



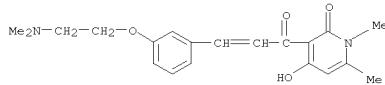
RN 849014-77-3 CAPLUS
CN 2(1H)-Pyridinone, 3-[3-(2-aminoethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-1,6-dimethyl- (CA INDEX NAME)



RN 849014-78-4 CAPLUS

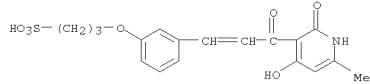
CN 2(1H)-Pyridinone,
3-[3-[(2-(dimethylamino)ethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-6-methyl- (CA INDEX NAME)

RN 849014-79-5 CAPLUS

CN 2(1H)-Pyridinone,
3-[3-[(2-(dimethylamino)ethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-1,6-dimethyl- (CA INDEX NAME)

RN 849014-80-8 CAPLUS

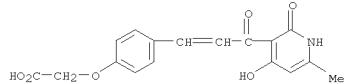
CN 1-Propanesulfonic acid, 3-[3-[(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, sodium salt (1:1) (CA INDEX NAME)



● Na

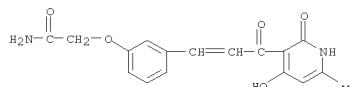
RN 849014-82-0 CAPLUS

CN Acetic acid, 2-[3-[(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, 9-hydroxynonyl ester (CA INDEX NAME)

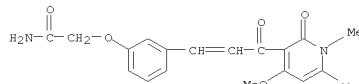


RN 849014-87-5 CAPLUS

CN Acetamide, 2-[3-[(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

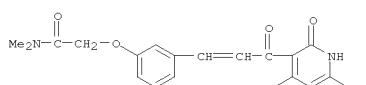


RN 849014-89-7 CAPLUS

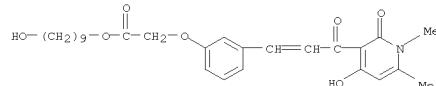
CN Acetamide,
2-[3-[(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

RN 849014-90-0 CAPLUS

CN Acetamide, 2-[3-[(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-N,N-dimethyl- (CA INDEX NAME)



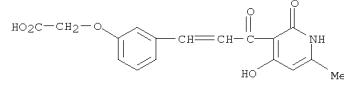
RN 849014-91-1 CAPLUS

CN Acetamide,
2-[3-[(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-N,N-dimethyl- (CA INDEX NAME)RN 849014-84-2 CAPLUS
CN Acetic acid, [3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, compd. with pyridine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 849014-47-7

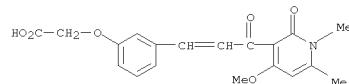
CMF C17 H15 N O6



CM 2

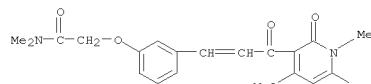
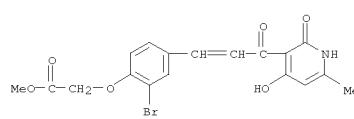
CRN 110-86-1

CMF C5 H5 N

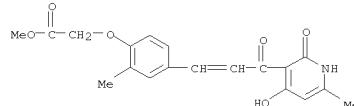
RN 849014-85-3 CAPLUS
CN Acetic acid, 2-[3-[(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

RN 849014-86-4 CAPLUS

CN Acetic acid, 2-[4-[(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

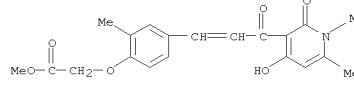
RN 849014-92-2 CAPLUS
CN Acetic acid, 2-[2-bromo-4-[(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)

RN 849014-93-3 CAPLUS

CN Acetic acid,
2-[4-[(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)

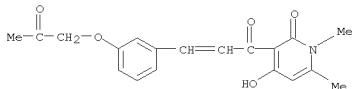
RN 849014-94-4 CAPLUS

CN Acetic acid, 2-[4-[(1,2-dihydro-4-hydroxy-6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)

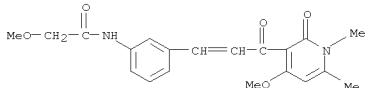


RN 849014-95-5 CAPLUS

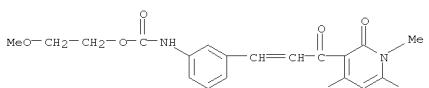
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[1-oxo-3-(2-oxopropoxy)phenyl]-2-propen-1-yl- (CA INDEX NAME)



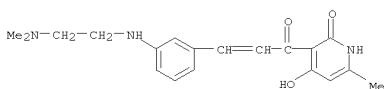
RN 849014-99-9 CAPLUS
CN Acetamide,
N-[3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-2-methoxy- (CA INDEX NAME)



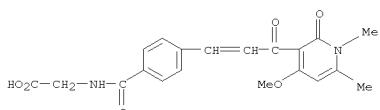
RN 849015-00-5 CAPLUS
CN Carbamic acid, [3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenyl]-, 2-methoxyethyl ester (PCI) (CA INDEX NAME)



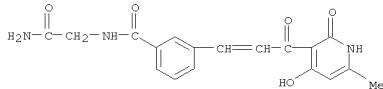
RN 849015-01-6 CAPLUS
CN 2(1H)-Pyridinone, 3-[3-[3-[(dimethylamino)ethyl]amino]phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-6-methyl- (CA INDEX NAME)



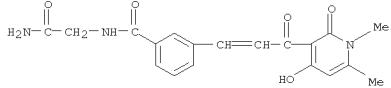
RN 849015-06-1 CAPLUS
CN Glycine,
N-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)



RN 849015-12-9 CAPLUS
CN Benzamide, N-(2-amino-2-oxoethyl)-3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)

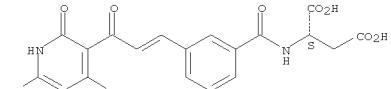


RN 849015-13-0 CAPLUS
CN Benzamide,
N-(2-amino-2-oxoethyl)-3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)

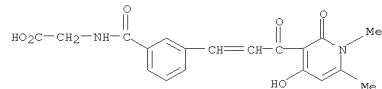


RN 849015-15-2 CAPLUS
CN L-Aspartic acid, N-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)

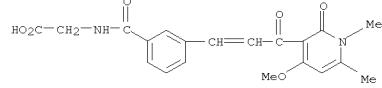
Absolute stereochemistry.
Double bond geometry unknown.



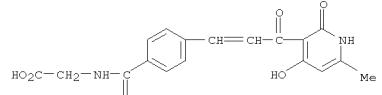
RN 849015-17-4 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-hydroxyethyl)- (CA INDEX NAME)



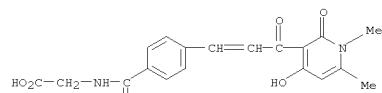
RN 849015-08-3 CAPLUS
CN Glycine,
N-[3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)



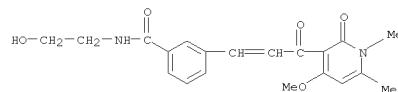
RN 849015-09-4 CAPLUS
CN Glycine,
N-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)



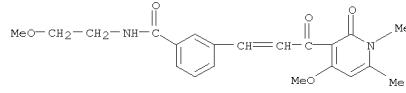
RN 849015-10-7 CAPLUS
CN Glycine,
N-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)



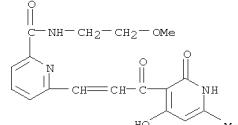
RN 849015-11-8 CAPLUS
CN Glycine,
N-[4-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)



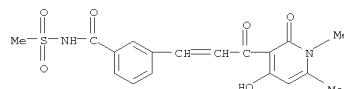
RN 849015-18-5 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



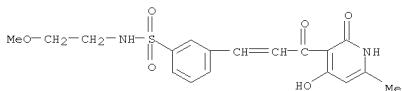
RN 849015-19-6 CAPLUS
CN 2-Pyridinecarboxamide, 6-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



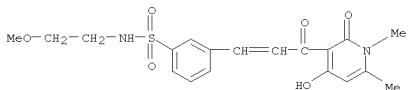
RN 849015-20-9 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(methylsulfonyl)- (CA INDEX NAME)



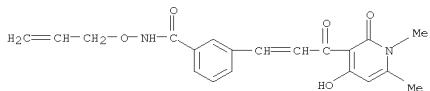
RN 849015-21-0 CAPLUS
CN Benzenesulfonamide, 3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



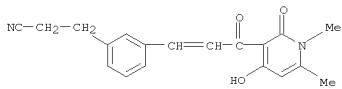
RN 849015-22-1 CAPLUS
CN Benzenesulfonamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



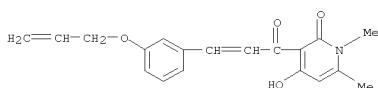
RN 849015-24-3 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-propen-1-yloxy)- (CA INDEX NAME)



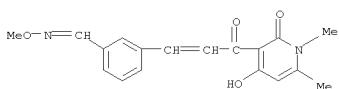
RN 849015-25-4 CAPLUS
CN Benzenepropanenitrile, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)



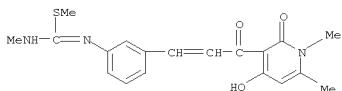
RN 849015-26-5 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[1-oxo-3-[3-[(tetrahydro-4H-pyran-4-ylidene)methyl]phenyl]-2-propen-1-yl]- (CA INDEX NAME)



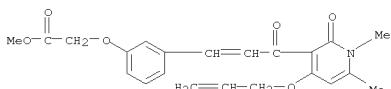
RN 849015-32-3 CAPLUS
CN Benzaldehyde,
3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-, 1-(O-methylloxime) (CA INDEX NAME)



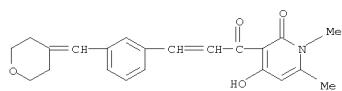
RN 849015-34-5 CAPLUS
CN Carbamimidothioic acid,
N-[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-N'-methyl-, methyl ester (CA INDEX NAME)



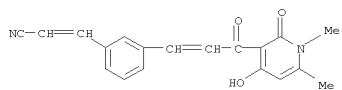
RN 849015-36-7 CAPLUS
CN Acetic acid,
2-[3-[3-(1,2-dihydro-1,6-dimethyl-2-oxo-4-(2-propen-1-yloxy)-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



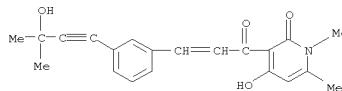
RN 849015-37-8 CAPLUS
CN Acetic acid,
2-[3-[3-(1,2-dihydro-1,6-dimethyl-2-oxo-4-(2-propyn-1-yloxy)-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



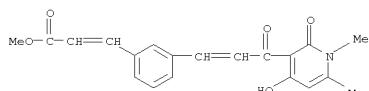
RN 849015-27-6 CAPLUS
CN 2-Propenenitrile, 3-[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenyl]- (CA INDEX NAME)



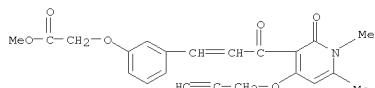
RN 849015-28-7 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-(3-hydroxy-3-methyl-1-butyn-1-yl)phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



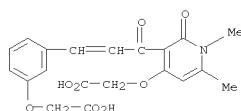
RN 849015-29-8 CAPLUS
CN 2-Propenoic acid, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl-, methyl ester (CA INDEX NAME)



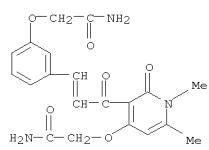
RN 849015-30-1 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[1-oxo-3-[3-(2-propen-1-yloxy)phenyl]-2-propen-1-yl]- (CA INDEX NAME)



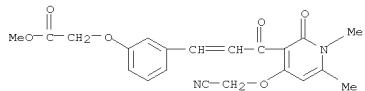
RN 849015-39-0 CAPLUS
CN Acetic acid, [3-[3-[4-(carboxymethoxy)-1,2-dihydro-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenoxy]- (9CI) (CA INDEX NAME)



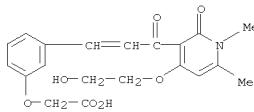
RN 849015-40-3 CAPLUS
CN Acetamide,
2-[3-[3-[4-(2-amino-2-oxoethoxy)-1,2-dihydro-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



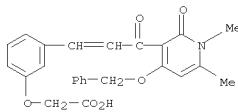
RN 849015-41-4 CAPLUS
CN Acetic acid, 2-[3-[3-[4-(cyanomethoxy)-1,2-dihydro-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



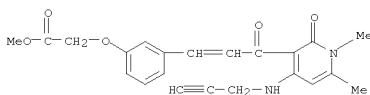
RN 849015-42-5 CAPLUS
CN Acetic acid,
2-[3-[3-(1,2-dihydro-4-(2-hydroxyethoxy)-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



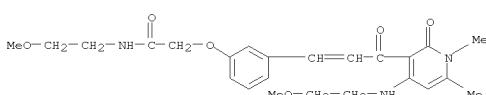
RN 849015-44-7 CAPLUS
CN Acetic acid, 2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(phenylmethoxy)-3-pyridinyl]-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



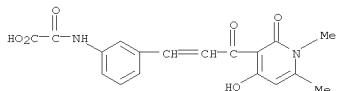
RN 849015-45-8 CAPLUS
CN Acetic acid, 2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(2-propyn-1-ylamino)-3-pyridinyl]-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



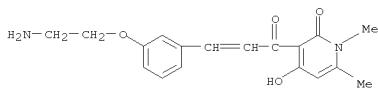
RN 849015-46-9 CAPLUS
CN Acetamide, 2-[3-[3-[1,2-dihydro-4-[(2-methoxyethyl)amino]-1,6-dimethyl-2-oxo-3-pyridinyl]-3-oxo-1-propen-1-yl]phenoxy]-N-(2-methoxyethyl)- (CA INDEX NAME)



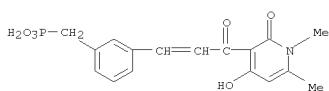
RN 849015-58-3 CAPLUS
CN Acetic acid, 2-[3-[3-(5-bromo-1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



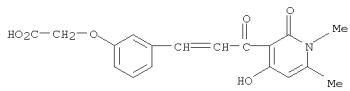
RN 908865-42-9 CAPLUS
CN 2-(1H)-Pyridinone, 3-[3-[3-(2-aminoethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-1,6-dimethyl-, hydrochloride (1:1) (CA INDEX NAME)



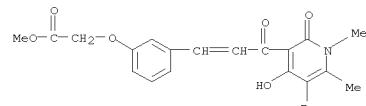
RN 908865-43-0 CAPLUS
CN Phosphonic acid, [[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenyl]methyl]- (9CI) (CA INDEX NAME)



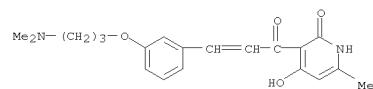
RN 908865-44-1 CAPLUS
CN Acetic acid, 2-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, calcium salt (1:1) (CA INDEX NAME)



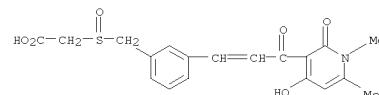
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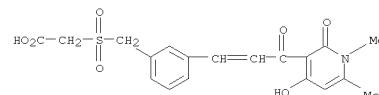
RN 908865-36-1 CAPLUS
CN 2-(1H)-Pyridinone, 3-[3-[3-(dimethylamino)propoxy]phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-6-methyl- (CA INDEX NAME)



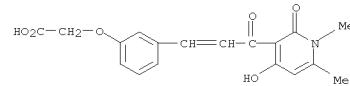
RN 908865-39-4 CAPLUS
CN Acetic acid, 2-[[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]methyl]sulfinyl- (CA INDEX NAME)



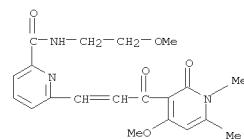
RN 908865-40-7 CAPLUS
CN Acetic acid, 2-[[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]methyl]sulfonyl- (CA INDEX NAME)



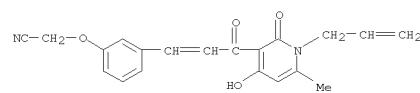
RN 908865-41-8 CAPLUS
CN Acetic acid, 2-[[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]amino]-2-oxo- (CA INDEX NAME)



RN 908865-47-4 CAPLUS
CN 2-Pyridinecarboxamide, 6-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)

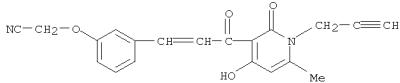


RN 908865-49-6 CAPLUS
CN Acetonitrile, 2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-1-(2-propen-1-yl)-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

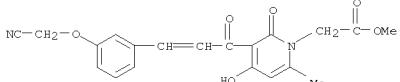


RN 908865-50-9 CAPLUS
CN Acetonitrile, 2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-1-(2-propyn-1-yl)-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

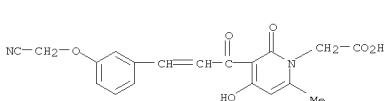
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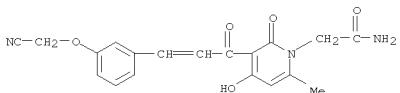
RN 908865-51-0 CAPLUS
CN 1(2H)-Pyridineacetic acid,
3-[3-(3-[cyanomethoxy]phenyl)-1-oxo-2-propen-1-
yl]-4-hydroxy-6-methyl-2-oxo-, methyl ester (CA INDEX NAME)



RN 908865-52-1 CAPLUS
 CN 1(2H)-Pyridineacetic acid,
 3-[3-[3-(4-cyanomethoxyphenyl)ethyl]-1-oxo-2-propen-1-
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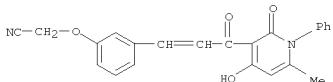


RN 908865-53-2 CAPLUS
CN 1(2H)-Pyridineacetamide, 3-[3-[3-(cyanomethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-6-methyl-2-oxo- (CA INDEX NAME)

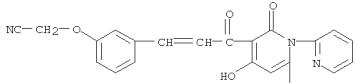


RN 908865-54-3 CAPLUS
CN Acetonitrile,
[3-[3-[1-(cyanomethoxy)-1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl]-3-oxo-1-propenyl]phenoxy] (9CI) (CA INDEX NAME)

(Continued)

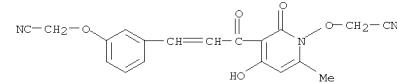


RN 908865-59-8 CAPLUS
CN Acetonitrile,
2-[3-(3-(4-hydroxy-6-methyl-2-oxo[1(2H),2'-bipyridin]-3-yl)-3-oxo-1-propen-1-yl)phenoxy]- (CA INDEX NAME)

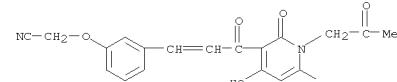


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS
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REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR
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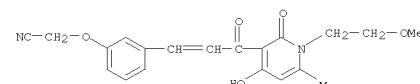
L11 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)



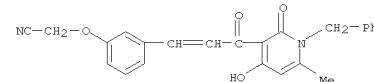
RN 908865-55-4 CAPLUS
CN Acetonitrile, 2-[3-[3-[1,2-dihydro-4-hydroxy-6-methyl-2-oxo-1-(2-oxopropyl)-3-pyridinyl]-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



RN 908865-56-5 CAPLUS
CN Acetonitrile,
2-[3-[3-[1,2-dihydro-4-hydroxy-1-(2-methoxyethyl)-6-methyl-2-oxo-3-pyridinyl]-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



RN 308865-57-6 CAPLUS
CN Acetonitrile, 2-[3-[3-[1,2-dihydro-4-hydroxy-6-methyl-2-oxo-1-(phenylmethyl)-3-pyridinyl]-3-oxo-1-propenyl]phenoxy]- (CA INDEX NAME)

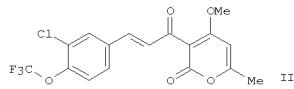
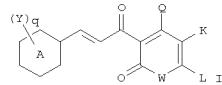


RN 908865-58-7 CAPLUS
CN Acetonitrile, 2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-1-phenyl-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

ACCESSION NUMBER: 2005/283468 CAPLUS
DOCUMENT NUMBER: 142:355164
TITLE: Preparation of cinnamoyl derivatives as type I collagen gene transcription inhibitors
INVENTOR(S): Tomigahara, Yoshitaka; Higashi, Kiyoshi; Takahashi, Junya
PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
SOURCE: PCT Int. Appl., 269 pp., Priority 5 JP2004-263662 was
PPAded to prevent further Basics.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005028441	A1	20050331	WO 2004-JP13989	20040916
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LM, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2006104061	A	20060420	JP 2004-267828	20040915
AU 2004274326	A1	20050331	AU 2004-274326	20040916
CA 2539162	A1	20050331	CA 2004-2539162	20040916
EP 1671950	A1	20060621	EP 2004-773379	20040916
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
US 20070123521	A1	20070531	US 2006-572705	20060317
PRIORITY APPLN. INFO.:			JP 2003-324150	A 20030917
			JP 2003-324156	A 20030917
			JP 2003-324157	A 20030917
			JP 2004-263662	A 20040910
			WO 2004-JP13989	W 20040916

OTHER SOURCE(S): MARPAT 142:355164
GI



AB The title cinnamoyl derivs. I [wherein ring A = Ph or pyridinyl; Y = a substituent; q = 0-5; Q = (un)substituted OH or NH₂; W = O or (un)substituted NH; K and L = independently H or a substituent] are prepared as type I collagen gene transcription inhibitors. For example, the compound

II was prepared in a multi-step synthesis. I inhibited >70% human type I collagen gene transcription.

IT 848692-85-3P 848692-86-4P 848692-87-5P

848692-88-6P 848692-89-7P 848692-90-0P

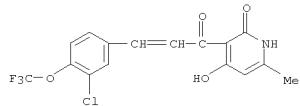
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USGS (Uses)

(drug candidate; preparation of cinnamoyl derivs. as type I collagen

gene transcription inhibitors)

RN 848692-85-3 CAPLUS

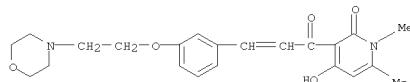
CN 2(1H)-Pyridinone, 3-[3-[3-chloro-4-(trifluoromethoxy)phenyl]-1-oxo-2-propenyl]-4-hydroxy-6-methyl- (CA INDEX NAME)



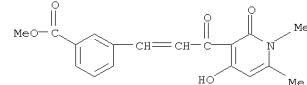
RN 848692-86-4 CAPLUS

CN Benzoic acid,

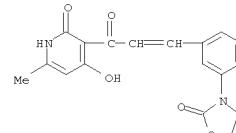
3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]-, methyl ester (CA INDEX NAME)



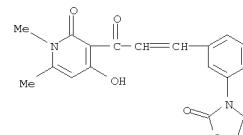
OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(15 CITINGS)
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



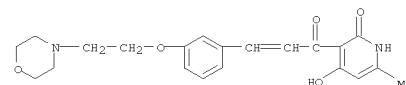
RN 848692-87-5 CAPLUS
2(1H)-Pyridinone, 4-hydroxy-6-methyl-3-[1-oxo-3-[3-(2-oxo-3-oxazolidinyl)phenyl]-2-propenyl]- (CA INDEX NAME)



RN 848692-88-6 CAPLUS
2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[1-oxo-3-[3-(2-oxo-3-oxazolidinyl)phenyl]-2-propenyl]- (CA INDEX NAME)



RN 848692-89-7 CAPLUS
2(1H)-Pyridinone, 4-hydroxy-6-methyl-3-[3-[3-[2-(4-morpholinyl)ethoxy]phenyl]-1-oxo-2-propenyl]- (CA INDEX NAME)



RN 848692-90-0 CAPLUS
2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[3-[3-[2-(4-morpholinyl)ethoxy]phenyl]-1-oxo-2-propenyl]- (CA INDEX NAME)

ACCESSION NUMBER: 2005-283467 CAPLUS
DOCUMENT NUMBER: 142-373695
TITLE: Preparation of 3-cinnamoylquinolin-2(1H)-one and 3-cinnamoylpyridin-2(1H)-one derivatives as

inhibitors

of type I collagen gene transcription and TGF- β antagonists

INVENTOR(S): Tomigahara, Yoshitaka; Higashi, Kiyoshi; Takahashi, Junya; Takahashi, Chizuko

PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan

SOURCE: PCT Int. Appl., 312 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

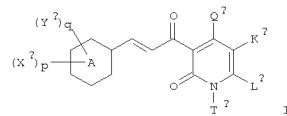
LANGUAGE: Patent Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

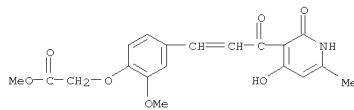
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005028439	A1	20050331	WO 2004-JP14006	20040916
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RW: BW, GE, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AI, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, IQ, GW, ML, MR, NE, SN, TD, TG				
JP 2006104062	A	20060420	JP 2004-267829	20040915
AU 2004274328	A1	20050331	AU 2004-274328	20040916
CA 2538960	A1	20050331	CA 2004-2538960	20040916
EP 1671948	A1	20060621	EP 2004-773390	20040916
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US 20060211680	A1	20060921	US 2006-572483	20060317
PRIORITY APPLN. INFO.:			JP 2003-324152	A 20030917
			JP 2003-324154	A 20030917
			JP 2004-178081	A 20040616
			JP 2004-264233	A 20040910
			WO 2004-JP14006	W 20040916

OTHER SOURCE(S): MARPAT 142:373695
GI

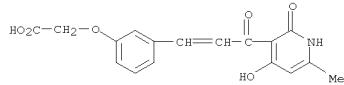


AB The title compds. (I) [A = benzene or pyridine ring; Ya = substituents selected from X0 and Y0; q = 1-4; when q ≥ 2, Ya is same or different or the adjacent same or different Ya form the group Z0 condensed to the ring A; Xa = substituents which do not belong to X0, Y0, and Z0 groups; p = 1-5; when p ≥ 2, Xa is same or different and p+≤5; Qa = (un)substituted HO or NH2; Ta = H, substituents on the N atom; Ka, La = H, substituents on the carbon atoms; Ka and La together represent (un)substituted C1-10 alkylene or alkenylene; wherein X0 = C1-10 alkyl, C1-10 haloalkyl, halo, NO2, cyano, HO, Re-Ba-Rd-, HORd, Re-CO-Rd-, Re-CO2-Rd-, HO2CCH:CH etc.; Rc = C1-10 alkyl, C1-10 haloalkyl, Ba = O, S, SO, SO2; Rd = a single bond, C1-10 alkylene; Re = H, C1-10 alkyl, C1-10 haloalkyl; Y0 = Mb0-Rd'; wherein Mb0 = Mc0-Rd'', etc.; wherein Mc0 = each (un)substituted 6- to 10-membered aryl, 5- to 10-membered heteroaryl, or (un)saturated 3- to 10-membered hydrocarbyl or heterocyclic, etc.; Rd' is selected from Rd; Z0 = aromatic or nonarom. 5- to 12-membered monocyclic or condensed hydrocarbon or heterocyclic ring which is condensed to the renig. Al are prepared A composition containing the compound I as the active ingredient for inhibiting type I collagen gene transcription, inhibiting the activity of transforming growth factors- β , improving tissue fibrosis, effecting hair growth, or treating chronic renal failure is also disclosed. Thus, 0.75 g 3-acetyl-4-hydroxy-6-methylpyridin-2(1H)-one and 0.75 g 3-[(methoxycarbonyl)methoxy]benzaldehyde were dissolved in a mixture of 9 mL pyridine and 150 μ L piperidine and refluxed for 6 h to give 4-hydroxy-3-[3-[(methoxycarbonyl)methoxyphenyl]-1-oxo-2-propenyl]-6-methylpyridin-2(1H)-one (II). The compound II in vitro inhibited the transcription of type I collagen gene in human fetal dermal fibroblasts.

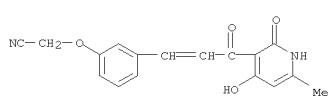
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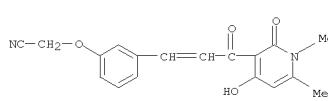
RN 849014-47-7 CAPLUS
CN Acetic acid,
2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



RN 849014-48-8 CAPLUS
CN Acetonitrile,
2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



RN 849014-49-9 CAPLUS
CN Acetonitrile, 2-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



RN 849014-50-2 CAPLUS
CN Acetonitrile,
2-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)

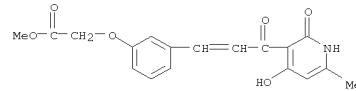
849014-75-1P 849014-76-2P 849014-77-3P
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849014-84-2P 849014-85-3P 849014-86-4P
849014-87-5P 849014-88-6P 849014-89-7P
849014-90-0P 849014-91-1P 849014-92-2P
849014-93-3P 849014-94-4P 849014-95-5P
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849015-02-7P 849015-03-8P 849015-05-0P
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849015-10-7P 849015-11-8P 849015-12-9P
849015-13-0P 849015-14-1P 849015-15-2P
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849015-19-6P 849015-20-9P 849015-21-0P
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849015-28-7P 849015-29-8P 849015-30-1P
849015-31-2P 849015-32-3P 849015-33-4P
849015-34-5P 849015-35-6P 849015-36-7P
849015-37-8P 849015-38-9P 849015-39-0P
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849015-43-6P 849015-44-7P 849015-45-8P
849015-46-9P 849015-47-0P 849015-48-1P
849015-49-2P 849015-50-5P 849015-51-6P
849015-52-7P 849015-53-8P 849015-54-9P
849015-55-0D 849015-56-1P 849015-57-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of cinnamoylquinolinone and cinnamolypridinone derivs. as inhibitors of type I collagen gene transcription and transforming growth factor- β antagonists)

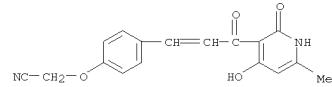
RN 849014-45-5 CAPLUS

CN Acetic acid,
2-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



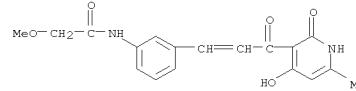
RN 849014-46-6 CAPLUS

CN Acetic acid,
2-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-2-methoxyphenoxy]-, methyl ester (CA INDEX NAME)



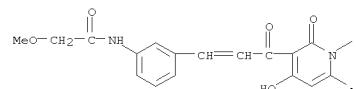
RN 849014-51-3 CAPLUS

CN Acetamide, N-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-2-methoxy- (CA INDEX NAME)



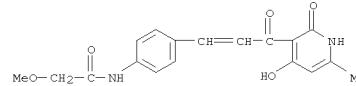
RN 849014-52-4 CAPLUS

CN Acetamide,
N-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-2-methoxy- (CA INDEX NAME)



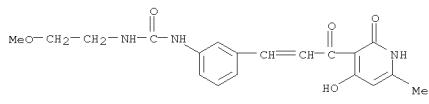
RN 849014-53-5 CAPLUS

CN Acetamide, N-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-2-methoxy- (CA INDEX NAME)

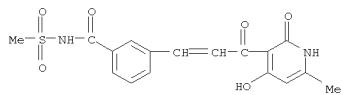


RN 849014-54-6 CAPLUS

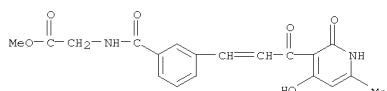
CN Urea, N-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-N'-(2-methoxyethyl)- (CA INDEX NAME)



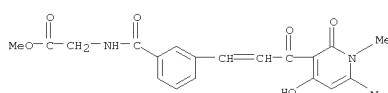
RN 849014-55-7 CAPLUS
CN Benzamide,
3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(methylsulfonyl)- (CA INDEX NAME)



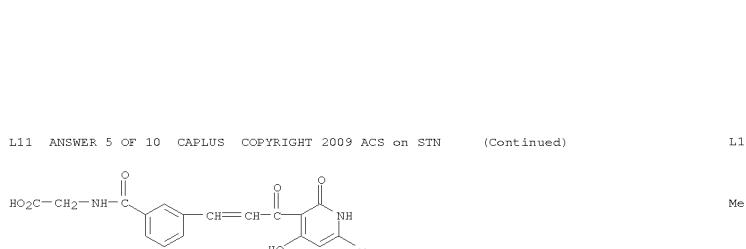
RN 849014-56-8 CAPLUS
CN Glycine,
N-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]-, methyl ester (CA INDEX NAME)



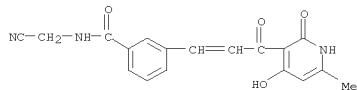
RN 849014-57-9 CAPLUS
CN Glycine,
N-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]-, methyl ester (CA INDEX NAME)



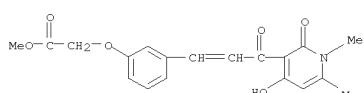
RN 849014-58-0 CAPLUS
CN Glycine,
N-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]-, methyl ester (CA INDEX NAME)



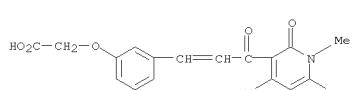
RN 849014-63-7 CAPLUS
CN Benzamide, N-(cyanomethyl)-3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)



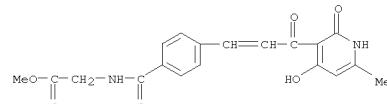
RN 849014-64-8 CAPLUS
CN Acetic acid, 2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



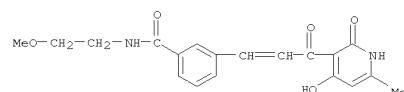
RN 849014-65-9 CAPLUS
CN Acetic acid, 2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



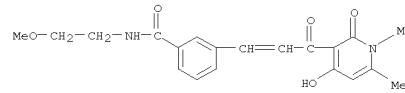
RN 849014-66-0 CAPLUS
CN Acetamide,
2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-N,N-dimethyl- (CA INDEX NAME)



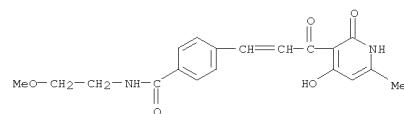
RN 849014-59-1 CAPLUS
CN Benzamide,
3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



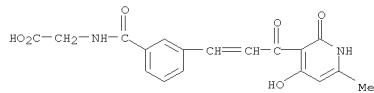
RN 849014-60-4 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



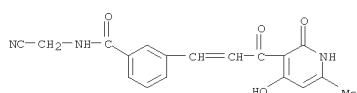
RN 849014-61-5 CAPLUS
CN Benzamide,
4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



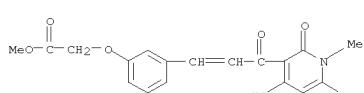
RN 849014-62-6 CAPLUS
CN Glycine,
N-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)



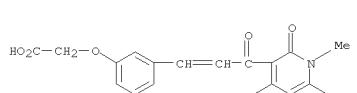
RN 849014-63-7 CAPLUS
CN Benzamide, N-(cyanomethyl)-3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)



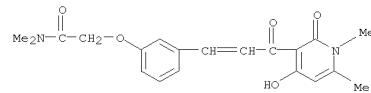
RN 849014-64-8 CAPLUS
CN Acetic acid, 2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



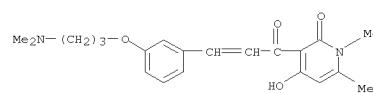
RN 849014-65-9 CAPLUS
CN Acetic acid, 2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



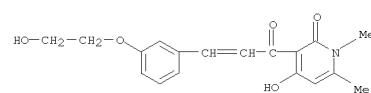
RN 849014-66-0 CAPLUS
CN Acetamide,
2-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-N,N-dimethyl- (CA INDEX NAME)



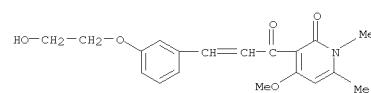
RN 849014-67-1 CAPLUS
CN 2(1H)-Pyridinone,
3-[3-[3-(dimethylamino)propoxy]phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-1,6-dimethyl- (CA INDEX NAME)



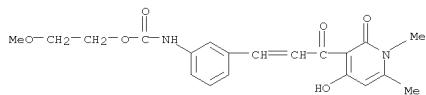
RN 849014-68-2 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-(2-hydroxyethoxy)phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



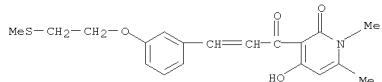
RN 849014-69-3 CAPLUS
CN 2(1H)-Pyridinone,
3-[3-(2-hydroxyethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-methoxy-1,6-dimethyl- (CA INDEX NAME)



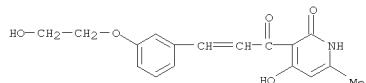
RN 849014-70-6 CAPLUS
CN Carbamic acid, [3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenyl]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)



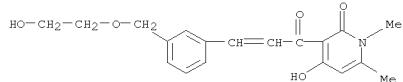
RN 849014-71-7 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[3-[3-[2-(methylthio)ethoxy]phenyl]-1-oxo-2-propen-1-yl]- (CA INDEX NAME)



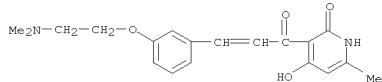
RN 849014-72-8 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-[3-(2-hydroxyethoxy)phenyl]-1-oxo-2-propen-1-yl]-6-methyl- (CA INDEX NAME)



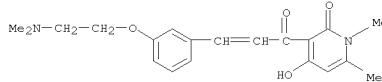
RN 849014-73-9 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-[3-[(2-hydroxyethoxy)methyl]phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



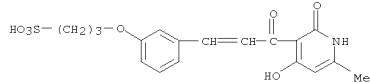
RN 849014-74-0 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-[3-(3-hydroxypropoxy)phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



RN 849014-79-5 CAPLUS
CN 2(1H)-Pyridinone, 3-[3-[3-[2-(dimethylamino)ethoxy]phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-1,6-dimethyl- (CA INDEX NAME)

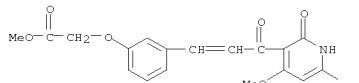


RN 849014-80-8 CAPLUS
CN 1-Propanesulfonic acid, 3-[3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, sodium salt (1:1) (CA INDEX NAME)

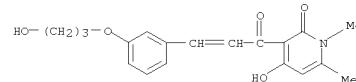


● Na

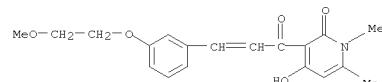
RN 849014-81-9 CAPLUS
CN Acetic acid,
2-[3-[3-(1,2-dihydro-4-methoxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



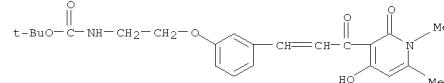
RN 849014-82-0 CAPLUS
CN Acetic acid, 2-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, 9-hydroxynonyl ester (CA INDEX NAME)



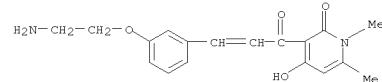
RN 849014-75-1 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-[3-(2-methoxyethoxy)phenyl]-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)



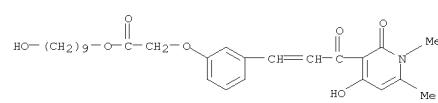
RN 849014-76-2 CAPLUS
CN Carbamic acid, [2-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



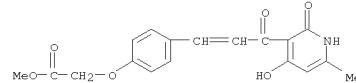
RN 849014-77-3 CAPLUS
CN 2(1H)-Pyridinone, 3-[3-[3-(2-aminoethoxy)phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-1,6-dimethyl- (CA INDEX NAME)



RN 849014-78-4 CAPLUS
CN 2(1H)-Pyridinone,
3-[3-[3-[2-(dimethylamino)ethoxy]phenyl]-1-oxo-2-propen-1-yl]-4-hydroxy-6-methyl- (CA INDEX NAME)



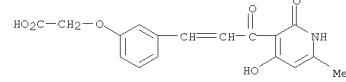
RN 849014-83-1 CAPLUS
CN Acetic acid,
2-[4-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]-, methyl ester (CA INDEX NAME)



RN 849014-84-2 CAPLUS
CN Acetic acid, [3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]phenoxy]-, compd. with pyridine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 849014-47-7
CMF C17 H15 N O6

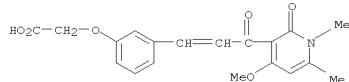


CM 2

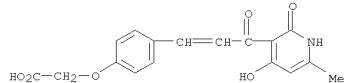
CRN 110-86-1
CMF C5 H5 N



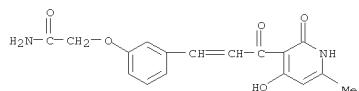
RN 849014-85-3 CAPLUS
CN Acetic acid, 2-[3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenoxy]- (CA INDEX NAME)



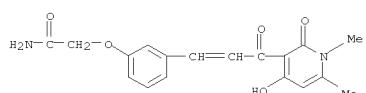
RN 849014-86-4 CAPLUS
CN Acetic acid,
2-[4-[(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]- (CA INDEX NAME)



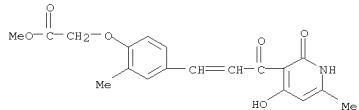
RN 849014-87-5 CAPLUS
CN Acetamide, 2-[3-[(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]- (CA INDEX NAME)



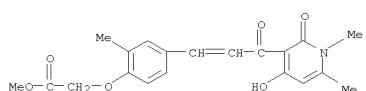
RN 849014-88-6 CAPLUS
CN Acetamide,
2-[3-[(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]- (CA INDEX NAME)



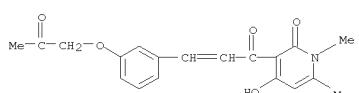
RN 849014-89-7 CAPLUS
CN Acetamide,
2-[3-[(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]- (CA INDEX NAME)



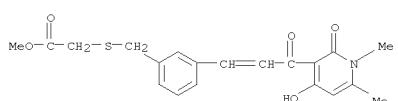
RN 849014-94-4 CAPLUS
CN Acetic acid, 2-[4-[(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-, methyl ester (CA INDEX NAME)



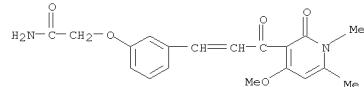
RN 849014-95-5 CAPLUS
CN 2-(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[3-(2-oxopropoxy)phenyl]-2-propen-1-yl - (CA INDEX NAME)



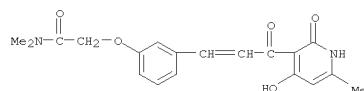
RN 849014-96-6 CAPLUS
CN Acetic acid, 2-[[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenyl]methyl]thio-, methyl ester (CA INDEX NAME)



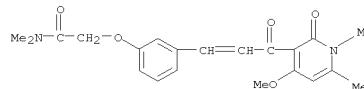
RN 849014-97-7 CAPLUS
CN Acetic acid, 2-[[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenyl]methyl]thio]-, methyl ester (CA INDEX NAME)



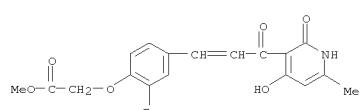
RN 849014-90-0 CAPLUS
CN Acetamide, 2-[3-[(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-N,N-dimethyl- (CA INDEX NAME)



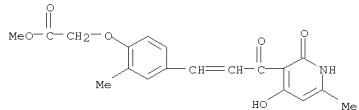
RN 849014-91-1 CAPLUS
CN Acetamide, 2-[3-[(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-N,N-dimethyl- (CA INDEX NAME)



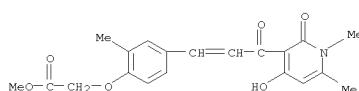
RN 849014-92-2 CAPLUS
CN Acetic acid, 2-[2-bromo-4-[(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-, methyl ester (CA INDEX NAME)



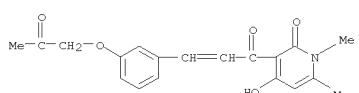
RN 849014-93-3 CAPLUS
CN Acetic acid, 2-[4-[(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-2-methylphenoxy]-, methyl ester (CA INDEX NAME)



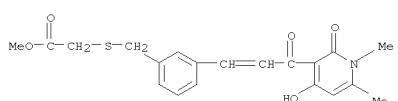
RN 849014-94-4 CAPLUS
CN Acetic acid, 2-[4-[(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-, methyl ester (CA INDEX NAME)



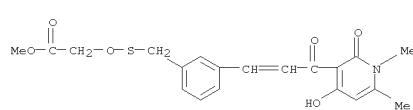
RN 849014-95-5 CAPLUS
CN 2-(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[3-(2-oxopropoxy)phenyl]-2-propen-1-yl - (CA INDEX NAME)



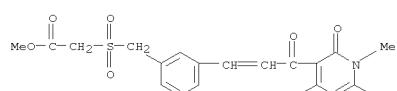
RN 849014-96-6 CAPLUS
CN Acetic acid, 2-[[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenyl]methyl]thio-, methyl ester (CA INDEX NAME)



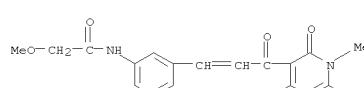
RN 849014-97-7 CAPLUS
CN Acetic acid, 2-[[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenyl]methyl]thio]-, methyl ester (CA INDEX NAME)



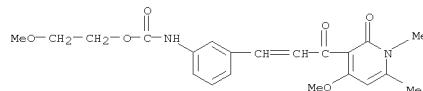
RN 849014-98-8 CAPLUS
CN Acetic acid, 2-[[3-[(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-methyl]sulfonyl]-, methyl ester (CA INDEX NAME)



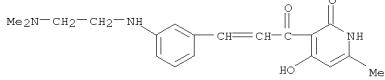
RN 849014-99-9 CAPLUS
CN Acetamide, N-[3-[(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl)phenoxy]-2-methoxy- (CA INDEX NAME)



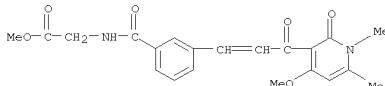
RN 849015-00-5 CAPLUS
CN Carbamic acid, [3-[(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl)phenyl]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)



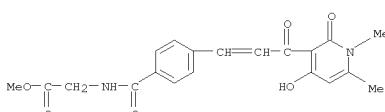
RN 849015-01-6 CAPLUS
CN 2-(1H)-Pyridinone, 3-[3-[(2-(dimethylamino)ethyl)amino]phenyl]-1-oxo-2-



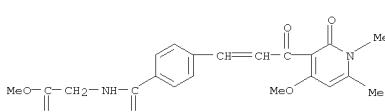
RN 849015-02-7 CAPLUS
CN Glycine,
N-[3-(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]-, methyl ester (CA INDEX NAME)



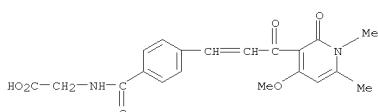
RN 849015-03-8 CAPLUS
CN Glycine,
N-[4-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]-, methyl ester (CA INDEX NAME)



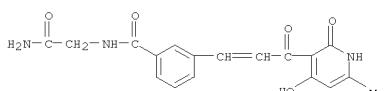
RN 849015-05-0 CAPLUS
CN Glycine,
N-[4-(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]-, methyl ester (CA INDEX NAME)



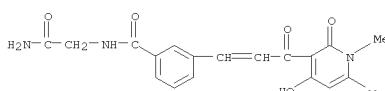
RN 849015-06-1 CAPLUS
CN Glycine,
N-[3-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]-, methyl ester (CA INDEX NAME)



RN 849015-12-9 CAPLUS
CN Benzamide, N-(2-amino-2-oxoethyl)-3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)

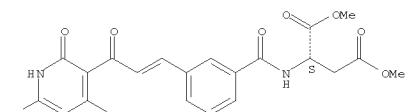


RN 849015-13-0 CAPLUS
CN Benzamide,
N-(2-amino-2-oxoethyl)-3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)

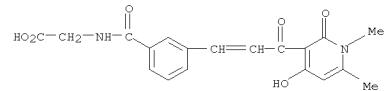


RN 849015-14-1 CAPLUS
CN L-Aspartic acid, N-[3-(3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propenyl]benzoyl]-, dimethyl ester (9CI) (CA INDEX NAME)

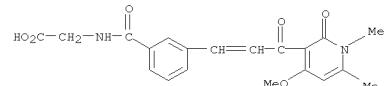
Absolute stereochemistry.
Double bond geometry unknown.



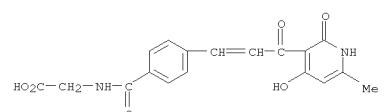
RN 849015-15-2 CAPLUS



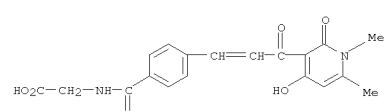
RN 849015-08-3 CAPLUS
CN Glycine,
N-[3-(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)



RN 849015-09-4 CAPLUS
CN Glycine,
N-[4-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)

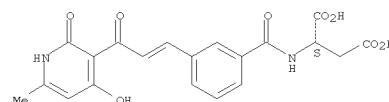


RN 849015-10-7 CAPLUS
CN Glycine,
N-[4-(3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]benzoyl]- (CA INDEX NAME)

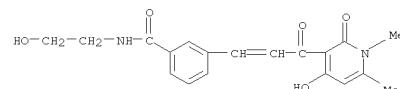


RN 849015-11-8 CAPLUS
CN Glycine,
N-[4-(3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-

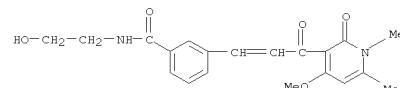
Absolute stereochemistry.
Double bond geometry unknown.



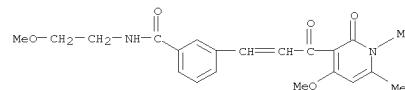
RN 849015-16-3 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-hydroxyethyl)- (CA INDEX NAME)



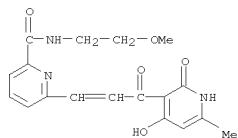
RN 849015-17-4 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-hydroxyethyl)- (CA INDEX NAME)



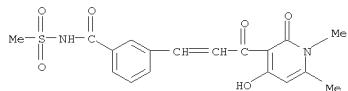
RN 849015-18-5 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-methoxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



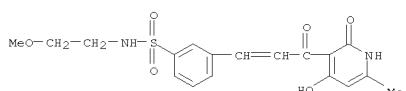
RN 849015-19-6 CAPLUS
CN 2-Pyridinecarboxamide, 6-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



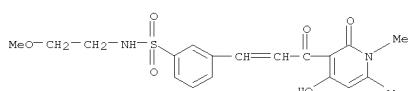
RN 849015-20-9 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(methylsulfonyl)- (CA INDEX NAME)



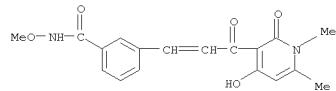
RN 849015-21-0 CAPLUS
CN Benzenesulfonamide, 3-[3-(1,2-dihydro-4-hydroxy-6-methyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



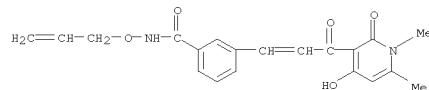
RN 849015-22-1 CAPLUS
CN Benzenesulfonamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-methoxyethyl)- (CA INDEX NAME)



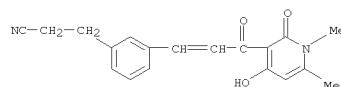
RN 849015-23-2 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-methoxy- (CA INDEX NAME)



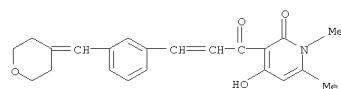
RN 849015-24-3 CAPLUS
CN Benzamide, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-N-(2-propanoyloxy)- (CA INDEX NAME)



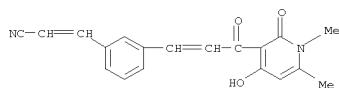
RN 849015-25-4 CAPLUS
CN Benzenepropanenitrile, 3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]- (CA INDEX NAME)



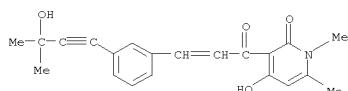
RN 849015-26-5 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[1-oxo-3-[3-(tetrahydro-4H-pyran-4-ylidene)methyl]phenyl]-2-propen-1-yl]- (CA INDEX NAME)



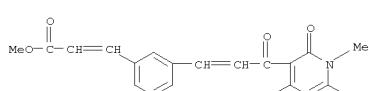
RN 849015-27-6 CAPLUS
CN 2-Propenenitrile, 3-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]- (CA INDEX NAME)



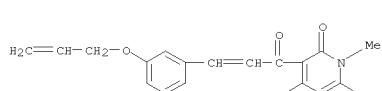
RN 849015-28-7 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-[3-hydroxy-3-methyl-1-butyn-1-yl]phenyl]-1,6-dimethyl- (CA INDEX NAME)



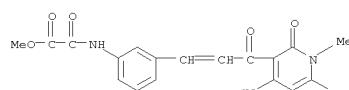
RN 849015-29-8 CAPLUS
CN 2-Propenoic acid, 3-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-, methyl ester (CA INDEX NAME)



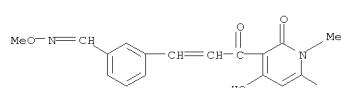
RN 849015-30-1 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[1-oxo-3-[3-(2-propen-1-yloxy)phenyl]-2-propen-1-yl]- (CA INDEX NAME)



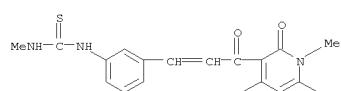
RN 849015-31-2 CAPLUS
CN Acetic acid, 2-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]amino]-2-oxo-, methyl ester (CA INDEX NAME)



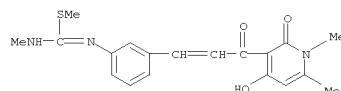
RN 849015-32-3 CAPLUS
CN Benzaldehyde,
3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]-, 1-(O-methyloxime) (CA INDEX NAME)



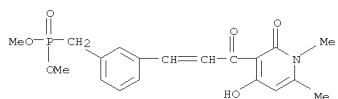
RN 849015-33-4 CAPLUS
CN Thiourea,
N-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-N'-methyl- (CA INDEX NAME)



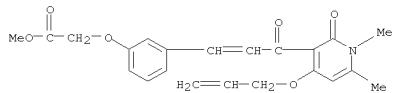
RN 849015-34-5 CAPLUS
CN Carbamimidothioic acid,
N-[3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl]-N'-methyl-, methyl ester (CA INDEX NAME)



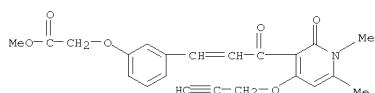
RN 849015-35-6 CAPLUS
CN Phosphonic acid, [(3-[3-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-3-oxo-1-propen-1-yl]phenyl)methyl]-, dimethyl ester (9CI) (CA INDEX NAME)



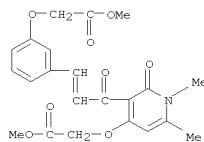
RN 849015-36-7 CAPLUS
CN Acetic acid,
2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(2-propenyl-phenoxy)-3-pyridinyl]-3-oxo-1-propenylphenoxy]-, methyl ester (CA INDEX NAME)



RN 849015-37-8 CAPLUS
CN Acetic acid,
2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(2-propenyl-phenoxy)-3-pyridinyl]-3-oxo-1-propenylphenoxy]-, methyl ester (CA INDEX NAME)

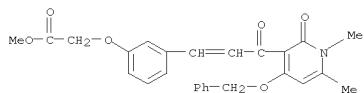


RN 849015-38-9 CAPLUS
CN Acetic acid, [3-[3-[1,2-dihydro-4-(2-methoxy-2-oxoethoxy)-1,6-dimethyl-2-oxo-3-pyridinyl]-3-oxo-1-propenylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)

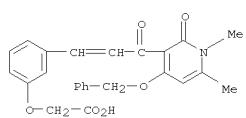


RN 849015-39-0 CAPLUS
CN Acetic acid, [3-[3-[4-(carboxymethoxy)-1,2-dihydro-1,6-dimethyl-2-oxo-3-

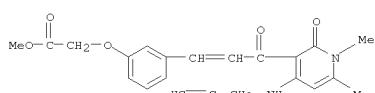
RN 849015-43-6 CAPLUS
CN Acetic acid, 2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(phenylmethoxy)-3-pyridinyl]-3-oxo-1-propenylphenoxy]-, methyl ester (CA INDEX NAME)



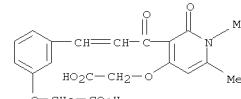
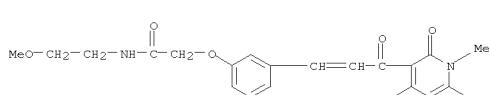
RN 849015-44-7 CAPLUS
CN Acetic acid, 2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(phenylmethoxy)-3-pyridinyl]-3-oxo-1-propenylphenoxy]- (CA INDEX NAME)



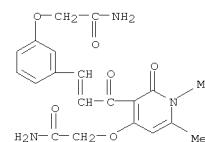
RN 849015-45-8 CAPLUS
CN Acetic acid, 2-[3-[3-[1,2-dihydro-1,6-dimethyl-2-oxo-4-(2-propynyl-amino)-3-pyridinyl]-3-oxo-1-propenylphenoxy]-, methyl ester (CA INDEX NAME)



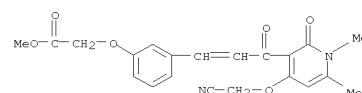
RN 849015-46-9 CAPLUS
CN Acetamide, 2-[3-[3-[1,2-dihydro-4-[(2-methoxyethyl)amino]-1,6-dimethyl-2-oxo-3-pyridinyl]-3-oxo-1-propenylphenoxy]-N-(2-methoxyethyl)- (CA INDEX NAME)



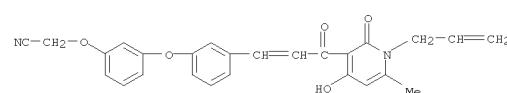
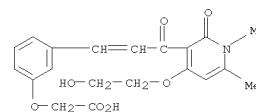
RN 849015-40-3 CAPLUS
CN Acetamide,
2-[3-[3-[4-(2-amino-2-oxoethoxy)-1,2-dihydro-1,6-dimethyl-2-oxo-3-pyridinyl]-3-oxo-1-propenylphenoxy]- (CA INDEX NAME)



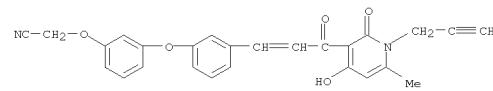
RN 849015-41-4 CAPLUS
CN Acetic acid, 2-[3-[3-[4-(cyanomethoxy)-1,2-dihydro-1,6-dimethyl-2-oxo-3-pyridinyl]-3-oxo-1-propenylphenoxy]-, methyl ester (CA INDEX NAME)



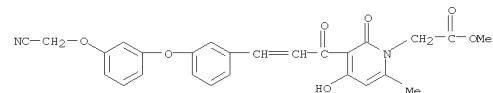
RN 849015-42-5 CAPLUS
CN Acetic acid,
2-[3-[3-[1,2-dihydro-4-(2-hydroxyethoxy)-1,6-dimethyl-2-oxo-3-pyridinyl]-3-oxo-1-propenylphenoxy]- (CA INDEX NAME)



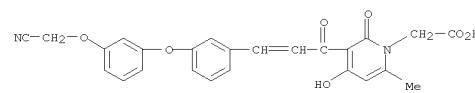
RN 849015-48-1 CAPLUS
CN Acetonitrile,
2-[3-[3-[1,2-dihydro-4-hydroxy-6-methyl-2-oxo-1-(2-propenyl)-3-pyridinyl]-3-oxo-1-propenylphenoxy]phenoxy]- (CA INDEX NAME)



RN 849015-49-2 CAPLUS
CN 1(2H)-Pyridineacetic acid,
3-[3-[3-[3-(cyanomethoxy)phenoxy]phenyl]-1-oxo-2-propenyl-1-yl]-4-hydroxy-6-methyl-2-oxo-, methyl ester (CA INDEX NAME)

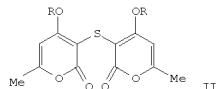
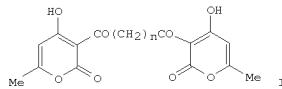


RN 849015-50-5 CAPLUS
CN 1(2H)-Pyridineacetic acid,
3-[3-[3-(cyanomethoxy)phenoxy]phenyl]-1-oxo-2-propenyl-1-yl]-4-hydroxy-6-methyl-2-oxo-, (CA INDEX NAME)

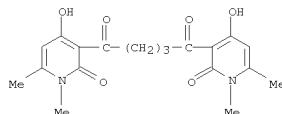


RN 849015-51-6 CAPLUS
CN 1(2H)-Pyridineacetamide,
3-[3-[3-(cyanomethoxy)phenoxy]phenyl]-1-oxo-2-

L11 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1982:582154 CAPLUS
 DOCUMENT NUMBER: 97:182154
 ORIGINAL REFERENCE NO.: 97:30469a,30472a
 TITLE: Derivatives of 4-hydroxy-6-methylpyran-2-one
 (triactic lactone)
 AUTHOR(S): Siddiq, Muhammad; Khan, Abdul Waheed; Praill, P. F.
 G.
 CORPORATE SOURCE: Chem. Dep., Queen Elizabeth Coll., London, UK
 SOURCE: Journal of the Chemical Society of Pakistan (1982),
 4(2), 81-7
 CODEN: JCSPDF; ISSN: 0253-5106
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI

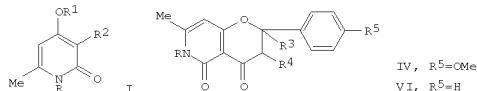


AB Bis-pyranones I ($n = 3-8, 10$) and II ($R = H, Me$) were prepared from the title compound (III). Thus, a mixture of III, $\text{ClCO}(\text{CH}_2)_3\text{COCl}$, and $\text{CF}_3\text{CO}_2\text{H}$ was refluxed to give I ($n = 3$). A mixture of III and SOCl_2 was kept 6 h at room temperature to yield II ($R = H$), which was treated with Me_2SO_4 to give II ($R = Me$).
 IT 83432-13-7P 83432-14-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 83432-13-7 CAPLUS
 CN 1,5-Pentanedione, 1,5-bis(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)- (CA INDEX NAME)

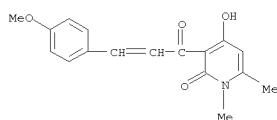


RN 83432-14-8 CAPLUS
 CN 1,6-Hexanedione, 1,6-bis(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-

L11 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1979:420370 CAPLUS
 DOCUMENT NUMBER: 91:20370
 ORIGINAL REFERENCE NO.: 91:3405a,3408a
 TITLE: Synthetic studies of azaflavonoids. II. Synthesis of
 aE-aazaflavonoids
 AUTHOR(S): Matoba, Katsuhide; Fukushima, Akiko; Arai, Hiroshi;
 Yamazaki, Takao
 CORPORATE SOURCE: Fac. Pharm. Sci., Univ. Toyama, Toyama, 930, Japan
 SOURCE: Chemical & Pharmaceutical Bulletin (1979), 27(1),
 242-6
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 91:20370
 GI

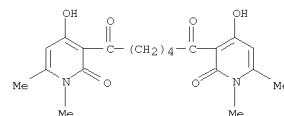


AB C-Acetylation of I ($R = H, Me$; $R1 = R2 = H$) by Ac_2O , polyphosphoric acid and P205 gave I ($R = H, Me$; $R1 = H, R2 = Ac$) (II), which were esterified to give I ($R1 = Bz; R, R2$ as above) (III). III ($R = H$) was cyclized with $p\text{-MeOC}_6\text{H}_4\text{CHO}$ to give IV ($R = R3 = R4 = H$) (V). Similar cyclization of II ($R = H$) gave V, dehydrogenation of which by N-bromosuccinimide gave IV ($R = H, R3R4 = bond$). Reaction of III ($R = Me$) with NaH in C_6H_6 gave I ($R = Me, R1 = H, R2 = \text{COCH}_2\text{Bz}$), which was cyclized to give VI ($R = Me, R3R4 = bond$).
 IT 70542-06-2P 70542-07-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and cyclization of, azaflavanone derivative from)
 RN 70542-06-2 CAPLUS
 CN 2(1H)-Pyridinone, 4-hydroxy-3-[3-(4-methoxyphenyl)-1-oxo-2-propen-1-yl]-1,6-dimethyl- (CA INDEX NAME)

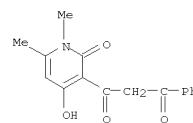


RN 70542-07-3 CAPLUS
 CN 1,3-Propanedione,
 1-(1,2-dihydro-4-hydroxy-1,6-dimethyl-2-oxo-3-pyridinyl)-
 3-phenyl- (CA INDEX NAME)

L11 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 pyridinyl)- (CA INDEX NAME)

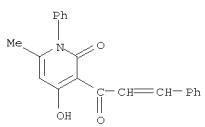


L11 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)



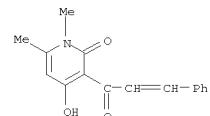
OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
 (4 CITINGS)

L11 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1968:109814 CAPLUS
 DOCUMENT NUMBER: 68:109814
 ORIGINAL REFERENCE NO.: 68:21207a,21210a
 TITLE: Cut-off type organic absorption light filters for the 310-500 nm spectral region
 AUTHOR(S): Okatov, M. A.; Voronina, L. I.; Chernyavskaya, N. A.; Egorov, P. P.; Pukhlyakova, G. B.
 SOURCE: Zhurnal Prikladnoi Spektroskopii (1967), 7(4), 638-43
 CODEN: ZPSBAX; ISSN: 0514-7506
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 AB The preparation of light, heat, and moisture resistant cut-off organic light filters for the 310-500-nm spectral region was studied by using Me methacrylate polymer as the basis and various (65) light-absorbing additives (cyclopropane, benzophenone, esters of benzoyl- and benzal-cyanoacetic acid, and compds. of the flavine, coumarin, and furocoumarin series). The additive were introduced during the polymerization process in ants. of 0.11-0.13%. In paper boxes, the filters remain unchanged for 2 years (testing period). Preliminary data are tabulated for 31 filters divided into 3 groups. They are stable with respect to tropical humidity (98% relative humidity) at 40°, to thermal impact (at -60 to +50°), and to temps. up to 125°. At natural sun radiation, the filters are stable for 4 months and for 90 hrs. with artificial radiation, exceeding 2 times that of the sun on the earth surface. The filters are recommended for cut-off uv radiation in protective shields, glasses, measuring optical instruments, and color photography.
 IT 16521-19-0 16521-20-3 19098-77-2
 RL: PRP (Properties)
 (optical filters and stabilizers from polymethyl methacrylate containing
 RN 16521-19-0 CAPLUS
 CN 2(1H)-Pyridinone, 4-hydroxy-6-methyl-3-(1-oxo-3-phenyl-2-propen-1-yl)-1-phenyl- (CA INDEX NAME)

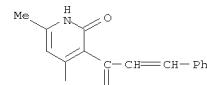


RN 16521-20-3 CAPLUS
 CN 2(1H)-Pyridinone,
 4-hydroxy-1,6-dimethyl-3-(1-oxo-3-phenyl-2-propen-1-yl)-
 (CA INDEX NAME)

L11 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)



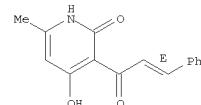
RN 19098-77-2 CAPLUS
 CN 2(1H)-Pyridinone, 4-hydroxy-6-methyl-3-(1-oxo-3-phenyl-2-propen-1-yl)-
 (CA INDEX NAME)



L11 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1968:39432 CAPLUS
 DOCUMENT NUMBER: 68:39432
 ORIGINAL REFERENCE NO.: 68:7651a, 7654a
 TITLE: Claisen-Schmidt reaction with heterocyclic analogs of 0-hydroxyacetophenone. III. Condensation of 4-hydroxy-3-acetyl-6-methylpyridone, its N-methyl and N-phenyl derivatives with aromatic aldehydes
 AUTHOR(S): Vul'fson, N. S.; Sukhotina, G. M.
 CORPORATE SOURCE: Inst. Khim. Fizrodn. Soedin., Moscow, USSR
 SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1967), (4), 682-6
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 GI For diagram(s), see printed CA Issue.
 AB 4-Hydroxy-3-acetyl-6-methyl-2-pyridone (I) and its N-Me and N-Ph derivs. were condensed with aromatic aldehydes by the Claisen-Schmidt reaction and the products were 3-cinnamoyl not 6-styryl analogs. I, m. 259.5-60.5°, and 4-hydroxy-3-acetyl-1,6-dimethyl-2-pyridone, m. 133.5-4.5°, were obtained by the method of Vul'fson, et al. 4-Hydroxy-3-acetyl-1-phenyl-6-methyl-2-pyridone, m. 223-4°, was obtained by the method of Pechman and Neger. 4-Hydroxy-1,6-dimethyl-2-pyridone (II), m. 224-5°, was obtained by the method of Arndt, et al. (CA 31:4019), and 1,3-bis(4-hydroxy-2-pyron-6-yl)-2-phenylpropane-(III), m. 216-17°, by the method of Borsche and Blount (CA 26:4048). I was condensed with aromatic aldehydes by heating for several hrs. in pyridine solution in the presence of a small amount of piperidine or in 10% aqueous NaOH and MeOH to give the following IV (R, RL, time of reaction in hrs., m.p., and yield given):
 H, H, 1, 262.5-3.5°, 82.5%; H, m-NO₂, 4, 277-8°, 55.5%; H, p-Cl, 4.5, 313-14°, 55.5%; H, p-OH, 4.5, 268-9°, 55.7%; H, p-NMe₂, 4, 284.5-5°, 56.3%; Me, H, 1, 158-9°, 89%; Me, p-NO₂, 2, 248.5-9.5°, 40%; Me, m-NO₂, 3, 235-5°, 43%; Me, p-Cl, 4, 193-4°, 60%; Me, p-OH, 4, 262-3°, 53.5%; Me, p-NMe₂, 2, 236-6.5°, 52%; Ph, H, 8, 211.5-12.5°, 70%; Ph, p-OH, 8, 271-2°, 65.3%; Ph, p-NMe₂, 1, 272-3°, 58.5%; and Ph, p-Cl, 8, 219-20°, 51.3%. II was boiled 2 hrs. with PhCHO, pyridine, and a small amount of piperidine to give 1,3-bis(4-hydroxy-1-methyl-2-pyridon-6-yl)-2-phenylpropane (V), m. 296-7° (in a sealed capillary). V was also obtained by heating III with 25% aqueous MeNH₂ at 100° in a sealed ampul. 4-Hydroxy-3-cinnamoyl-1,6-dimethylpyridone heated 25 hrs. with PhCHO, pyridine, and a small amount of piperidine gave 4-hydroxy-6-styryl-1-methyl-2-pyridone, m. 199.5-200.5°. The structure of IV was confirmed by synthesis of V and by mol. weight and mass spectrometric studies of this compound.
 IT 16862-40-1P 16862-41-2P 16862-42-3P
 16862-43-4P 16862-44-5P 16862-45-6P
 16862-46-7P 16862-47-8P 16862-48-9P
 16862-49-0P 16862-50-3P 16862-51-4P
 16862-52-5P 16862-53-6P 16862-54-7P
 16862-56-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

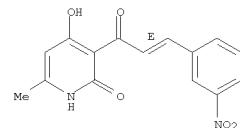
L11 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
 RN 16862-40-1 CAPLUS
 CN 2(1H)-Pyridone, 3-cinnamoyl-4-hydroxy-6-methyl-, (E)- (8CI) (CA INDEX NAME)

Double bond geometry as shown.



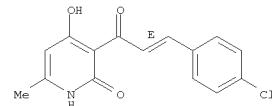
RN 16862-41-2 CAPLUS
 CN 2(1H)-Pyridone, 4-hydroxy-6-methyl-3-(m-nitrocinnamoyl)-, (E)- (8CI) (CA INDEX NAME)

Double bond geometry as shown.



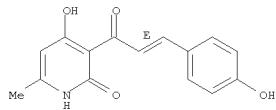
RN 16862-42-3 CAPLUS
 CN 2(1H)-Pyridone, 3-(p-chlorocinnamoyl)-4-hydroxy-6-methyl-, (E)- (8CI) (CA INDEX NAME)

Double bond geometry as shown.



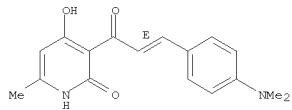
RN 16862-43-4 CAPLUS
 CN 2(1H)-Pyridone, 4-hydroxy-3-(p-hydroxycinnamoyl)-6-methyl-, (E)- (8CI) (CA INDEX NAME)

Double bond geometry as shown.



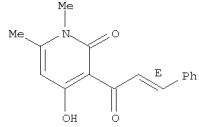
RN 16862-44-5 CAPLUS
CN 2(1H)-Pyridone, 3-(p-(dimethylamino)cinnamoyl)-4-hydroxy-6-methyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 16862-45-6 CAPLUS
CN 2(1H)-Pyridone, 3-cinnamoyl-4-hydroxy-1,6-dimethyl-, (E) - (8CI) (CA INDEX NAME)

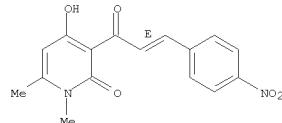
Double bond geometry as shown.



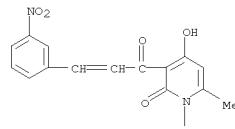
RN 16862-46-7 CAPLUS
CN 2(1H)-Pyridone, 4-hydroxy-1,6-dimethyl-3-(p-nitrocinnamoyl)-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.

Double bond geometry as shown.

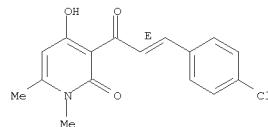


RN 16862-47-8 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1,6-dimethyl-3-[3-(3-nitrophenyl)-1-oxo-2-propen-1-yl]- (CA INDEX NAME)



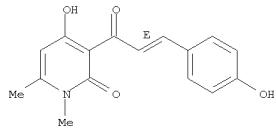
RN 16862-48-9 CAPLUS
CN 2(1H)-Pyridone, 3-(p-chlorocinnamoyl)-4-hydroxy-1,6-dimethyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.



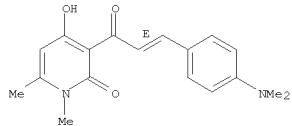
RN 16862-49-0 CAPLUS
CN 2(1H)-Pyridone, 4-hydroxy-3-(p-hydroxycinnamoyl)-1,6-dimethyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.



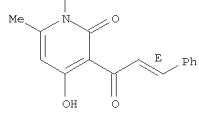
RN 16862-50-3 CAPLUS
CN 2(1H)-Pyridone, 3-(p-(dimethylamino)cinnamoyl)-4-hydroxy-1,6-dimethyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.



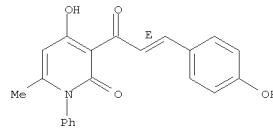
RN 16862-51-4 CAPLUS
CN 2(1H)-Pyridone, 3-cinnamoyl-4-hydroxy-6-methyl-1-phenyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.



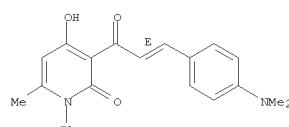
RN 16862-52-5 CAPLUS
CN 2(1H)-Pyridone, 4-hydroxy-3-(p-hydroxycinnamoyl)-6-methyl-1-phenyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.



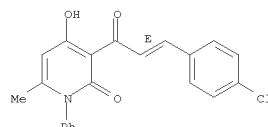
RN 16862-53-6 CAPLUS
CN 2(1H)-Pyridone, 3-[p-(dimethylamino)cinnamoyl]-4-hydroxy-6-methyl-1-phenyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.

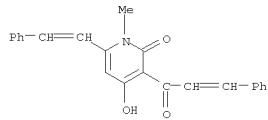


RN 16862-54-7 CAPLUS
CN 2(1H)-Pyridone, 3-(p-chlorocinnamoyl)-4-hydroxy-6-methyl-1-phenyl-, (E) - (8CI) (CA INDEX NAME)

Double bond geometry as shown.

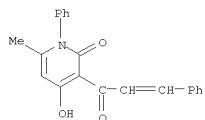


RN 16862-56-9 CAPLUS
CN 2(1H)-Pyridinone, 4-hydroxy-1-methyl-3-(1-oxo-3-phenyl-2-propen-1-yl)-6-(2-phenylethenyl)- (CA INDEX NAME)

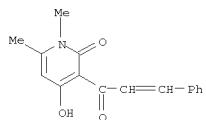


L11 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1967459510 CAPLUS
 DOCUMENT NUMBER: 67159510
 ORIGINAL REFERENCE NO.: 6711179a,11182a
 TITLE: Preparing light-and moisture-resistant organic light filters
 INVENTOR(S): Veronina, L. I.; Vul'fson, N. S.; Egorov, P. P.; Kuznetsova, G. A.; Okatov, M. A.; Pukhlyakova, G. B.; Khudik, N. A.
 SOURCE: U.S.S.R. From: Izobret., Prom. Obratzsy, Tovarnye Znaki 1961, 43(3), 127.
 CODEN: URXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Russian
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SU 189308	-----	19661117	SU	19651016
AB	Light filters which absorb in the uv region of the spectrum are prepared by dissolving light filtering additives in poly(Me methacrylate). To achieve sharp spectral characteristics and a good light resistance, ostchol, umbelliphorene, imperatorin, phelloptexin, 4-hydroxy-3-cinnamoyl-1-phenyl-6-methyl-2-pyridone, and 4-hydroxy-3-cinnamoyl-1,6-dimethyl-2-pyridone in concns. of 0.11-0.12% by weight are added as light filtering additives.			
IT 16521-19-0	16521-20-3			
RL: PRP (Properties)	(ultraviolet light filters from methyl methacrylate polymers containing)			
RN 16521-19-0 CAPLUS				
CN 2(1H)-Pyridinone, 4-hydroxy-6-methyl-3-(1-oxo-3-phenyl-2-propenyl)-1-phenyl- (CA INDEX NAME)				



RN 16521-20-3 CAPLUS
 CN 2(1H)-Pyridinone,
 4-hydroxy-1,6-dimethyl-3-(1-oxo-3-phenyl-2-propenyl)-
 (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	84.40	373.05
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-8.20	-8.20

STN INTERNATIONAL LOGOFF AT 09:18:36 ON 27 JUL 2009